A Community Resource for Employment, Education and Enrichment

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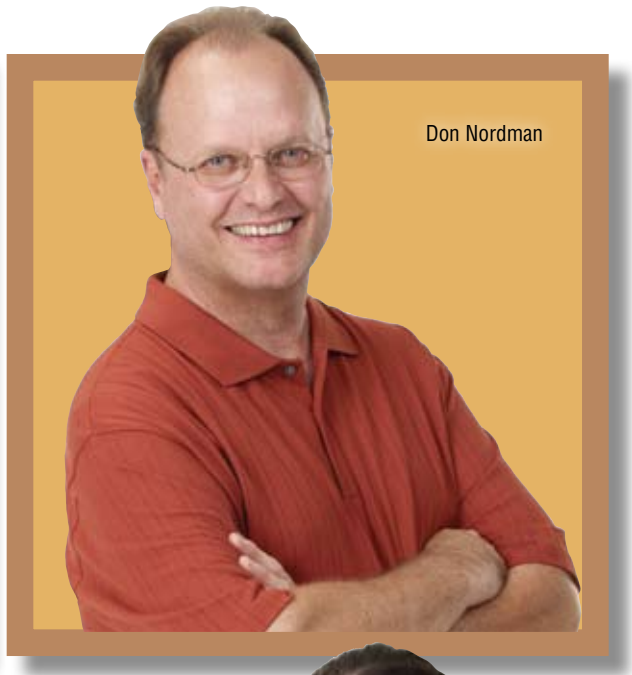
CareerFocus™

Adiyam Tesefaselassie


Don Nordman

The Future is Bright Green

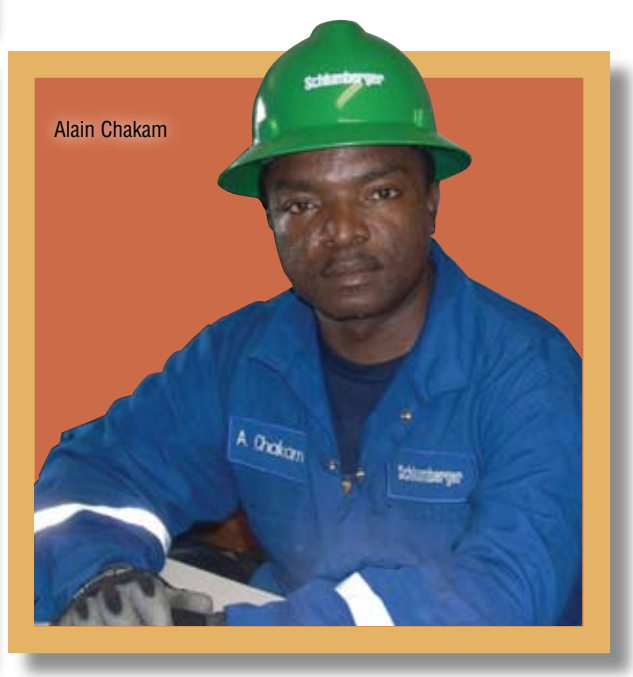
Are You Ready for College?

Why You Should Make Two-Year College Your First Choice

Begin Your INTERIOR DESIGN Career

Chad Eschliman

Lindsey Mishler



Alain Chakam

Shariann and Gillian Wiltshire

First Choices & Second Starts

Meet seven students who discovered their life's work at WCC.

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CareerFocus™

Contents

Features

CAREER WATCH

4 **The Future is Bright Green**
Turns out that what's good for the earth is good for the economy

6 **Second Starts**
Are you ready for college?

8 **The Worldwide Workplace**
If you want to broaden your cultural horizons, start with your co-worker

QUIZ

9 **Are You Culturally Clueless?**

12 **Two Years You'll Never Regret**
Why a two-year college should be your first choice

13 **Your Date with Fate**
Career fairs are a little like the dance floor

WCC Programs

10 **Vital Statistics**
Health care jobs create healthy economy

14 **An Educated Eye**
Interior design requires skill and creativity

FACULTY PROFILE

15 **Belinda McGuire** – Interior Design

Student Profiles

6 **Alain Chakam** – His dream of an education came true
7 **Don Nordman** – A new start at age 49
10 **Chad Eschliman –** From electrical lineman to X-ray technician I
11 **Adiyam Tesefaselassie** – Nursing was a natural choice
14 **Lindsey Mishler** – Artistic upbringing leads to graphic design career
16 **Shariann and Gillian Wiltshire** – Fraternal twins, identical careers

In Every Issue

FACTS AND FINDS

2 **News about Careers and Education**

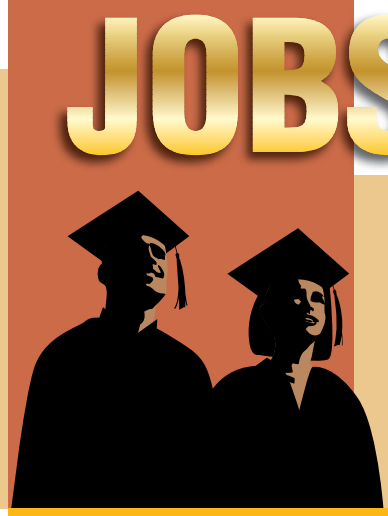
TOOLBOX

3 **Lose Those Commuter Blues**
Try some green alternatives to your daily drive

WCC SCHOOLS

17 **First Choices and Second Starts**

Facts AND Finds



Job Market Looks Good for 2008 Grads

With the country facing the threat of a recession and with the jobless rate rising to 5.1 percent, college graduates this year have a right to be a little nervous about the job market. But the news isn't all bad. While it may not be the best time to start a career in home construction or the financial sector, graduates in other fields are seeing increases in both the number of jobs available and starting salaries.

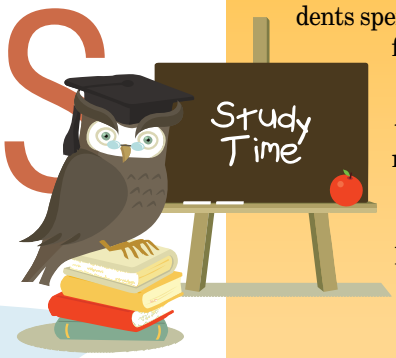
According to the NACE (National Association of Colleges and Employers) Job Outlook 2008, hiring is expected to increase in most industries. And surprisingly the regions of the U.S where most of this hiring is expected are the Northeast and the Midwest with the West and South anticipating relatively small increases.

The More You Study… the Worse You Do?

When eleventh grade students spent significant amounts of class time studying for the ACT, they actually did worse on the test, a study from the University of Chicago found.

Schools in which teachers spent at least 40 percent of class time on ACT preparation produced lower scores on average than schools where students spent less than 20 of class time prepping for the exam.

Cramming for the ACT just isn't the same as effectively learning the material. Says one researcher, "Students are training for the ACT in a last-minute sprint focused on test practice, when the ACT requires years of hard work developing college-level skills."



Plenty of Jobs for Teachers, Engineers and Health Care Professionals

Looking through to the year 2014, the U.S. Bureau of Labor Statistics predicts where college graduates will find the most opportunities. Teachers of all sorts, from elementary through post-secondary, will find lots of openings, as will computer specialists and a number of health care professions. The ten occupations with the most openings ,along with their median annual earnings, are:

1. Postsecondary teachers $51,800
2. Elementary school teachers $43,160
3. Accountants and auditors $50,770
4. Secondary school teachers $45,650
5. Computer software engineers, applications $74,980
6. Middle school teachers $43,670
7. Physicians and surgeons $145,600
8. Lawyers $94,930
9. Management analysts $63,450
10. Computer software engineers, software $79,740

Best Cities for College Grads

You've got your diploma in hand and you're ready to take on the world. Except you're not sure where to start. The Web sites *CbCampus.com* and *apartments.com* got together and came up with a list of the best cities for new college grads to live in. Based on the number of job opportunities, a critical mass of young people in the city and the cost of a one-bedroom apartment, here is their top ten, complete with the average one-bedroom apartment rental rate:

1. Philadelphia $962
2. Boston $1,343
3. New York $1,520
4. Phoenix $741
5. Chicago $1,029
6. Dallas/Fort Worth $755
7. Los Angeles $1,435
8. Houston $778
9. Detroit $699
10. Atlanta $773

Of Course No One Said Anything About the Drive

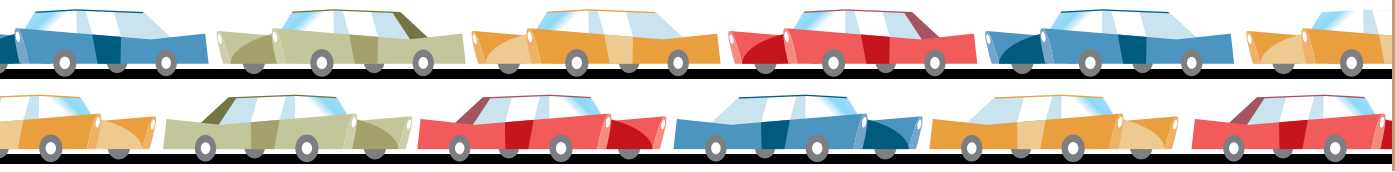
Nobody likes sitting in traffic but commuters in some cities put up with some really bad traffic. And not only does stop-and-go traffic make drivers irritable, it's adding a lot of unnecessary greenhouse gases to the atmosphere. If you want a quick and guilt-free commute to work, which cities should you avoid? Forbes.com ranked the ten worst commutes in America and here they are:

10. San Francisco
9. Los Angeles
8. Houston
7. Washington D.C.
6. Tampa
5. Dallas
4. Orlando
3. Miami
2. Detroit
1. Atlanta

And Cashiers, Waiters and Clerks

Workers without a college degree have opportunities too, of course. Many of these jobs are in retail and food service. The ten non-college degree jobs with the most openings, along with their median annual salaries, are:

1. Cashiers $16,240
2. Retail salesperson $18,680
3. Waiters and waitresses $14,050
4. Combined food service preparation and serving workers, including fast food $14,690
5. Laborers, freight stock and material movers $20,120
6. Office clerks $22,770
7. Janitors and cleaners $18,790
8. Customer service representatives $18,790
9. Stock clerks and order fillers $20,100
10. Childcare workers $16,760



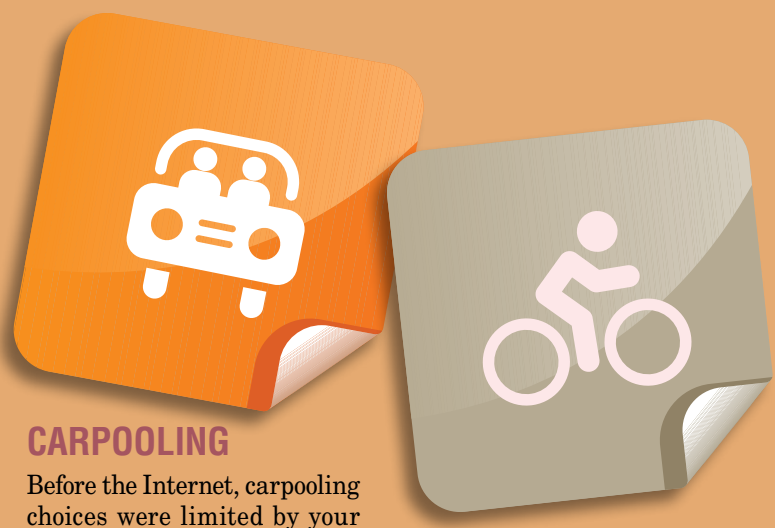
Lose Those Commuter Blues

Try some green alternatives to your daily drive

By Esther Hurwitz

These days we are plagued with so many challenges – high energy prices, inflation, global warming, poor health. And it seems impossible to solve these complicated issues without extra time, money and plain old hard work. But making simple changes in the way we commute to work or school can make a significant impact. Leaving your car home one day a week can reduce your gasoline costs by 20 percent and add regular exercise to your weekly routine.

Technology is helping improve our commutes, whether it's the Internet that makes it easier to form carpools, new fabrics that keep us dry when we walk or bike, or clean manufacturing processes that produce micro cars. Here are some of the latest trends in commuting. Hop to it!



CARPOOLING

Before the Internet, carpooling choices were limited by your employer or where you lived. But ride-matching Web sites allow you to find suitable ride mates that you never had access to before. Additional benefits for registered members may include guaranteed rides home in case of emergency and large pools of subscribers so you can create a schedule to fit your lifestyle whether you need a ride one day or every day of the week.

Easy carpooling guidelines

- Register at a Web site such as *rideamigos.com*, or your employer's site to find other commuters.
- Meet in advance to work out details like costs and who drives when.
- Set ground rules for details like music choices, allowing smoking or eating in the car and whether side trips can be taken.
- Arrange pick-up and drop-off places that are convenient for everyone.
- Calculate everyone's fair share of the costs.
- Keep in contact – phone, e-mail, text message or blog – when your schedule changes or you know you're going to be late.

WALKING AND BIKING

Many commuters cite saving time as a major reason for driving by themselves, but they can actually save time by walking or bicycling instead. The time savings comes from combining two activities that normally occur in different parts of the day.

Instead of being isolated in your car cursing at other drivers you're out in the fresh air getting exercise. Once you get into a routine of walking or riding, the savings pile up, the pounds come off, and you'll arrive home with the time and energy to do other things like cook and eat dinner, help your kids with their homework or take a bubble bath.

Veteran pedestrians say that walking on a rainy blustery day beats being crammed in a bus or car with other people. The keys to happy commuting under your own power are having the right gear and being prepared.

Easy walking and biking tips

- If you're going to work up a sweat, carry your work clothes separately.
- Wear the right waterproof outerwear and boots and carry a watertight book bag, backpack or briefcase.
- Outfit your bicycle for most situations – get fenders for rain or snow biking, a light for night riding, and a light-weight bicycle repair kit. For more good-sense tips, see *runmuki.com/commute*.
- Scope out your route in advance. Choose less congested roads or paths for safety or beautiful scenery. Note what times you might encounter school traffic or where your favorite cafés are.

ZIP ALONG FREELY

If you must commute by motorized vehicle but want to lessen your impact on the planet, try an electric motorized scooter or bike. Most scooters have a range of 15 to 30 miles at speeds of 20 to 35 miles per charge, depending on factors including the weight of the driver and the terrain (hilly or flat) traveled. Many scooters can plug into a standard electrical outlet so you can recharge at work in only 4 to 8 hours. They are often equipped to be street legal with front headlights, rear tail lights, turn signals, and break activated motor-shutoff, so riders are usually required to wear helmets and carry a license or registration for them. See *electric-bikes.com*.

You can also build your own motorized motorcycle from bicycle and motorcycle components with plans available from *electric-bikes.com*. You'll want to test-drive your creation before commuting with it, though – if you can't recharge the motor you'll be lugging 30 extra pounds of dead weight as you peddle up those hills on the way home. But when your creation works properly, it makes commuting a breeze. CF

Leaving your car home one day a week can reduce your gasoline costs by 20 percent and add regular exercise to your weekly routine.

Career Watch

The Future is BRIGHT GREEN

Turns out that what's good for the earth is good for the economy

By Laura Lyjak

Green. That just might turn out to be the word of the decade. Green, as in tree-hugging, earth-loving, fossil-fuel-reducing, global-warming-fighting. Green, as in developing new ways to fill our human needs for energy, transportation, housing and food that don't damage the environment we depend on for life itself. That kind of green.

But that kind of green is beginning to equal the other kind of green. As in money, jobs and economic growth. Yes indeed, it's beginning to look like it's a smart time to be green if you're looking for a job.

According to *Green Jobs: A Guide to Eco-Friendly Employment* colleges, universities and trade schools all over the country are gearing up to train the green workforce with programs in everything from solar panel installation, to wind power technician to newer, greener versions of established professions such as engineering, business and agriculture.

Co-author James P. Hendrix predicts that the growth in green jobs will be equivalent to the tech revolution of the 80s and 90s. "It may even be bigger than the Internet in terms of creation of new jobs," he says.

"Green jobs are becoming so all-encompassing that you can make a case for them touching every sector of the economy," he adds. "You don't have to install solar panels to have a green job. You can be an engineer, a marketer, a lawyer. You can find a green aspect to virtually any career."

"Green jobs are becoming so all-encompassing that you can make a case for them touching every sector of the economy. You don't have to install solar panels to have a green job. You can be an engineer, a marketer, a lawyer. You can find a green aspect to virtually any career."

Renewable energy and environmental consciousness are affecting where the jobs and money flow in a number of significant ways. An economic analysis conducted by the Rand Corporation and the University of Tennessee estimates that 25 percent of the country's energy demand could be tapped from renewable energy sources by 2025.

And in December 2008 President Bush signed a Green Jobs Act approving $125 million to train workers for good-paying jobs in renewable energy and energy efficiency, such as installing solar panels and weatherization.

New energy

Wind turbines, solar power, geothermal heating and cooling, and new energy-saving efficiencies are all experiencing a revolution. For example, U.S. wind power capacity increased by 46 percent in 2008 alone, making the country the fastest growing wind market in the world. The American Wind Energy Association cites a U.S. Department of Energy report that estimates 20 percent of our electricity could be generated by wind power by 2030. A variety of jobs currently exist in the industry from technicians to engineers to managers.

Solar

Solar power also is taking off with many new opportunities for engineers to develop new products and for trained installers to put the products to work. Says Hendrix, "Whoever hits a homerun with solar technology is going to become the next Edison." Currently in California there aren't enough trained solar panel installers to keep up with demand.

Efficiency

Retrofitting commercial buildings for better energy efficiency is also becoming a big business according to co-author of *Green Jobs,* A. Bronwyn Llewellyn. "This is already occurring in homes, commercial and manufacturing facilities," she says. "In New York city alone over 800,000 buildings are going to be retrofitted for better energy efficiency." This includes

Green is Gold at WCC

It's one thing to incorporate green materials into a design. What sets an award-winning project apart from others is how green thinking permeates throughout it.

It was that kind of effort that tipped the scale toward Gold LEED certification for the WCC Health & Fitness Center from the U.S. Green Building Council. The facility becomes the first of its kind in the state to achieve Gold LEED status.

"The Fitness Center is environmentally sustainable and energy efficient," says WCC Vice President Damon Flowers, who oversaw the project. "Its systems meet the highest levels of LEED certification to reduce energy consumption and employ sustainability practices in its design and construction.

"But comprehensive waste management also was an important factor in achieving LEED certification, so was innovation in energy efficiency and sustainable design. Seventy-five percent of the waste from construction was recycled; materials such as wood, concrete, metal and gypsum were sorted and hauled away for reuse." CF

Train for a Green Career

Here's a sampling of some of the green career programs cropping up at community colleges around the country.

Green building programs

Find a list of community colleges that serve as training sites for The National Sustainable Building Advisor Program at *nasbap.org.*

Conservation and energy

Lane Community College, Oregon: Energy Management Technician Associate's Degree.

Santa Fe Community College, New Mexico: Environmental Technologies Associate's Degree or certificate.

Wind

Iowa Lakes Community College, Iowa: Wind Energy and Turbine Technology Associate's Degree.

Highland Community College, Illinois: Wind Turbine Technician Associate's Degree.

Solar

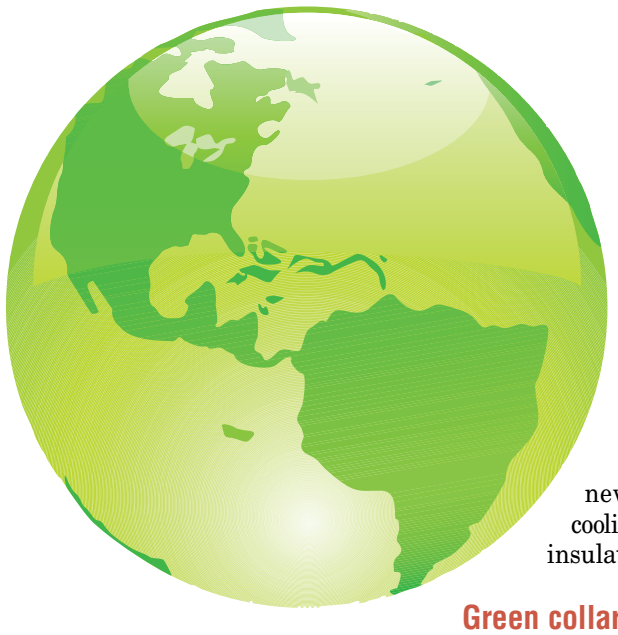
Owens Technical College, Ohio: Photovoltaic Installer or Integrator training.

Sustainable agriculture

Central Carolina Community College: Sustainable Agriculture Associate's Degree.

Marshalltown Community College, Iowa: Sustainable and Entrepreneurial Agriculture Associate's Degree.

Santa Rosa Junior College, California: Sustainable Agriculture Certificate or Associate's Degree. CF



new heating and cooling, windows and insulation.

Green collar

These new technologies are opening up new opportunities in so-called green collar jobs. Green collar jobs may be the answer to the problem of America's decline in manufacturing jobs. Trained technicians in these jobs can expect good wages for their work creating the country's new energy infrastructure.

Green for All, an organization that promotes green collar jobs as a solution to inner city unemployment makes the case this way, "We believe that the national effort to curb global warming and oil dependence can simultaneously create well-paid, green collar jobs, safer streets and healthier communities."

A new kind of farming

There is another revolution afoot in the way we farm and eat. Organic food has gone mainstream and the movement to buy and eat locally-grown, fresh food is gaining momentum. That's good news for the growing number of small farmers who specialize in organic and sustainable agriculture. According to a May 2008 *BusinessWeek* article the number of small farms has increased 20 percent in the past six years.

Local food

Small organic farmers can sell their goods at local farm markets, to local restaurants and through community supported agriculture projects in which members pay a yearly fee to take home a share of each week's harvest throughout the growing season. A recent Ohio State University survey showed that many shoppers are willing to pay more for high-quality, locally produced food.

And an increasing number of colleges and universities are offering programs in organic or sustainable agriculture. For example, Central Carolina Community College offers certificate and associate degrees in sustainable agriculture and a number of other colleges and universities offer certificates or degrees in agroecology or organic farming. (Download a list at *casfs.ucsc.edu/education/instruction/esa*).

Building green

What exactly does "green building" mean? According to the authors of *Green Jobs* it can mean a lot of things: "It encompasses everything from where and how a structure is sited on the land, to how efficiently it uses resources, to how environmentally friendly the products are that go into its construction and maintenance, to how to handle waste." For example, using a renewable material like bamboo flooring is green; installing solar panels is green and so is adding a reflective white roof to minimize heat absorption in the summer or insulation that decreases the need for heating in winter.

Green building strategies can apply to renovation or new construction, to commercial or residential building. The U.S. Green Building Council (USGBC) offers professional accreditation in LEED (Leadership in Energy and Environmental Design) for commercial buildings and homes.

Go Green

Find out more about green careers at these Web sites:

- Learn about sustainable agriculture careers at the USDA site *.nal.usda.gov/afsic/pubs/edtr/EDTR2006.shtml*
- Find a list of community colleges that offer training in environmental and energy technology at *ateec.org/learning/credit/index.htm*
- Find a list of colleges that offer wind turbine technology training programs at *nawindpower.com*. Click on "training resources."
- Find out more about green collar jobs at *greenforall.org*
- Learn about green building at the U.S. Green Building Council site, *usgbc.org*
- Find a green job at *sustainablebusiness.com*. Click on "Green Dream Jobs." CF

Building green, says Ashley Katz of the USGBC, requires a different overall approach to building. "Green builders have to take a more holistic look at the process," she says. "Rather than engineers, contractors, interior designers working independently, everyone comes to the table in the beginning. Every part of the process is interrelated. For example the color of a wall may affect how much heat is retained in a building."

Planes, trains and automobiles

As oil prices climb and supplies decline and as green house gases become more of a concern, efficient and clean modes of transportation are becoming a high priority. Innovative companies like Tesla Motors with its all-electric Roadster (about $.02 per mile, 0 to 60 in 3.9 seconds and a mere $109,000 to purchase) are already producing the cars of the future. Aptera Motors designed a 300-mile per gallon car expected to sell for under $30,000 and America's big three are beginning to take fuel economy seriously too with GM's plug-in hybrid Volt scheduled to go into production by the end of 2010.

More people are turning to mass transportation as gas prices climb too. In Europe the Virgin Voyager is the first biodiesel train and Virgin Atlantic made the first biodiesel flight this year. A study sponsored by the American Public Transportation Association showed that taking public transportation rather than driving reduces your carbon footprint by 10 percent.

An engineering degree is the likely first step for anyone who wants to be part of the transportation revolution, but other professions such as urban planners, technicians, salespeople and marketers can also take part in the race to greener roadways. CF

Feature

Second Starts

Are you ready for college?

By Laura Lyjak

Let's just admit it right up front – not everyone who decides to go to college is ready for college-level classes.

Think about all the successful people who needed to explore life a bit, make a few mistakes, try something different before they decided that a good education really was a priority. Life changes. You change. Goals change. It happens all the time.

Think about the millions of people who got their GED, improved their math and reading skills, learned English and then went on to earn college degrees and start new careers. You can bet they're glad that they got another chance to prove themselves.

Who needs a GED?

- About one in every seven high school graduates earns a GED.
- A person with no high school degree can expect a mean yearly income of about $21,000 but someone with a high school diploma or GED earns about $30,000 a year.

WCC's Adult Transitions and GED testing

No one really intends to drop out of high school but stuff happens. Sometimes it's as simple as misplaced priorities. Other things seem more important – or more fun – and attendance and grades slip. Other times, circumstance such as incarceration or homelessness make education impossible. The reasons for dropping out are numerous, but the reason for going back are almost always the same. "Most of our students have learned from the real world that they can't get a decent job without a high school diploma," says WCC Adult Transitions counselor Maggie Conger.

WCC's Adult Transition program prepares student to take the GED (General Education Development) test through group lessons and one-on-one teaching. Three ten-week sessions are offered each year and Adult Transitions students have most of the same privileges as regular credit students with access to the college's library, computer lab and student support services. Students can enroll for a mere $30 a year and many will be ready to successfully take the GED test after two sessions.

Over 750 students enroll in WCC's Adult Transitions each year, and some of those will continue into WCC's regular college programs or enroll at other local universities. "One of our goals is to surprise students into wanting to go on in school," says Conger. "We talk to them a lot about what they might do after their GED."

Who needs English as a Second Language courses?

- Nearly 1.3 million people immigrated to the U.S. in 2006.
- 12.5 percent of the current U.S. population is foreign born.

English as a Second Language at WCC

Every semester, WCC serves 250 to 350 foreign-born students who want to improve their English skills. English as a Second Language (ESL) courses at WCC range from beginner to advanced and offer students so much more than grammar and vocabulary skills. "I've seen these classes really transform people," says Margo Czinski who teaches many ESL course. "They become more comfortable and confident living here. They're not just learning language but culture and how Americans look at the world."

Some students are learning English simply to improve their day-to-day communication. Others know that better language skills will get them better jobs, and still others need advanced English skills so that they can continue their studies in college. Students come to ESL classes with a wide range of academic and language skills, says Czinski. Some have college degrees, some may not even be literate in their first language.

Alain Chakam

His dream of an education came true

For Alain Chakam, the United States is still the land of opportunity. Born in Cameroon, he was selected by lottery to come to the U.S. on a Diversity Visa. His goal was always to get more education. He and his wife immigrated in 2002 and landed near Washington D.C where there is a large Cameroonian population. "My dream was to become an engineer so I started looking for a good school."

That led him to discover the University of Michigan on a list of top ten public universities for engineering and also got him in contact with an acquaintance from Cameroon who was about to graduate from U-M. He was introduced to his friend's host family and told them that he dreamed of going to college – but even a public university like Michigan was too expensive.

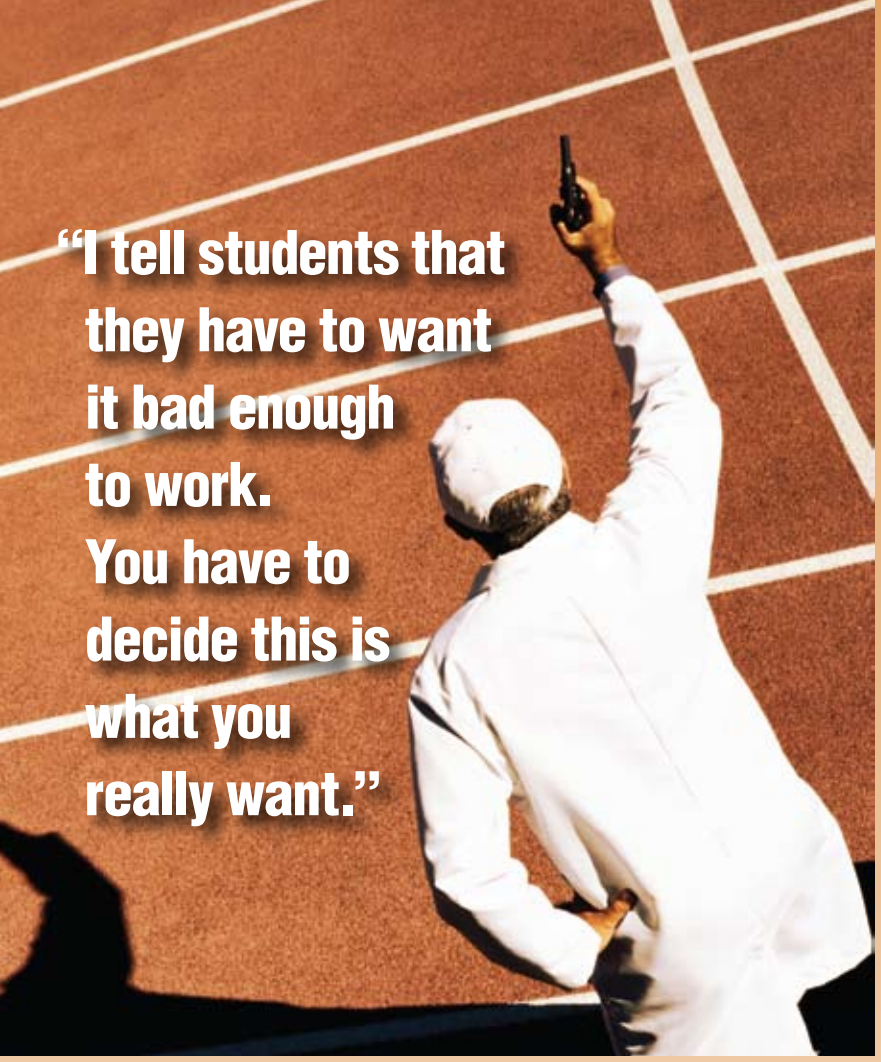
They told him about community colleges and soon he was enrolled in ESL (English as a Second Language) courses at WCC. He went on to complete WCC's pre-engineering curriculum with a 3.76 GPA and meanwhile joined MTIES, the joint WCC/U-M program for minority students who intend to transfer. When he transferred to U-M in 2005, he had a full scholarship and grades high enough to be on the dean's list. He graduated this year in electrical engineer and just started a new job in Texas.

"I worked hard," he says. He and his wife both attended WCC. She is now a registered nurse. And they both worked outside of school, sometimes full time. "For years I never slept more than four hours a night," he adds.

"There's a sea of opportunities in the U.S." says Chakam. "With education, so much is open to you. It's a tremendous investment, but there is always a reward for a good education." **CF**

-LL

First Choices & Second Starts



Students from all over the world end up in WCC's ESL classrooms. Some are with spouses at the University of Michigan or working for Toyota or another international corporation. Others are immigrants and refugees who sometimes are here after enduring great hardships. "It's an amazing thing," says Czinski. "Working with students from all over, I have learned so much about the world." And she really means all over – her students come from Japan, China and Korea, many, many regions of Africa and the Middle East as well as Eastern and Western Europe, Central and South America and Russia. And even that is only a partial list.

"The motivation to learn English is really high for most of these students," says Czinski. "It requires work to learn English, whether it's just for day-to-day interactions or to continue with college studies."

Who needs college readiness courses?

- Nationwide, 40 percent of college students will take a remedial class.
- Earning a bachelor's degree will increase median income about $23,000 a year.

College readiness courses in reading and math

Every student who attends WCC with no prior college experience is required to take a placement test. It's not uncommon for the results of the test to show that students need to brush up on math or reading skills before they're ready for college classes.

WCC's two developmental math classes bring students up to college level. The first, Math 067, is a review of the basics. "It rebuilds number sense," says math instructor Kristin Chatas. "And restores a sense of confidence in students." Often students come into developmental classes a little "math anxious" she says. Building confidence and good study skills is as important as relearning the math.

Over the past two years, student success rates in WCC's developmental math classes have climbed. The college began a series of changes in 2006 to better support students and instructors. Math instructors are trained to teach with a hands-on approach that makes the material come alive. Instructors support each other too. Lead teachers or mentors provide other teachers with support and regular communication and a "developmental task force" of instructors from various disciplines share ideas and approaches.

Developmental reading classes, says instructor Denise Crudup, are also as much about learning how to study as how to improve reading. Yes, students will learn how to read better by increasing vocabulary and by learning to identify main ideas and yes, students will learn that the only way to reach college level reading is to practice both in and out of the classroom.

But students who succeed in developmental reading also learn that self-discipline, perseverance and a positive attitude are the real keys to gaining skill. "I tell students that they have to want it bad enough to work," says Crudup. "It's not about intellect. You have to decide this is what you really want.

"I ask students, 'Do you hate your job right now?' and many of them answer, 'Yes.' Well, learning to read better is the first step toward changing that." **CF**

Find Out More

Adult Transitions and GED
www.wccnet.edu/resources/learningassistance/adulttransitions

English as a Second Language
www.wccnet.edu/departments/english/esl/index.php

Reading department
www.wccnet.edu/departments/reading

Math department
www.wccnet.edu/departments/math/index.php **CF**

First Choices & Second Starts

Don Nordman

A new start at age 49

For 29 years Don Nordman worked at NSK Bearing in Ann Arbor until it closed its doors in 2006. And almost no one knew that he couldn't read. It wasn't until he was promoted to team leader that he told his boss. "I'd decided to start with Washtenaw Literacy, and I met Blair Kraft ,the director, who told me about how he'd hid his illiteracy for years. I realized that I had to admit it too."

He managed to keep his promotion, and he started on the road toward learning to read and eventually taking college classes. When he was laid off from NSK, he qualified for federal money to retrain and now he's in college full time in WCC's Residential Construction program.

"I'm 49 now. That's a lot of years to hold on to a secret," he says. "I now read at an eighth grade level and it's opened up a whole new life for me. I can read the newspaper and have intelligent conversations. I used to just pretend I knew what others were talking about."

Once he started learning to read, he just wanted more. He took WCC's placement test and enrolled in developmental math courses. "I had a great teacher. She was outgoing and energetic and really made me want to learn. I went to a study group four days a week and hired a private tutor." After he passed basic math, he went on to algebra, then he was ready for college level classes.

"I never thought I'd go to college. But I'm one of the best students they have here," he says. "I know why I'm here, and I work hard. This is the biggest goal I've been up against in my life." **CF**

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Feature

The Worldwide Workplace

If you want to broaden your cultural horizons, start with your co-workers

By Kimberlee Roth

Changing demographics and increased globalization mean you may be just as likely to work alongside colleagues from Topeka as Tanzania. And that can be exciting, exposing everyone to cultures and beliefs they haven't encountered before. A multicultural workforce is also productive – the opinions and points of view of people from varied backgrounds can lead to innovative, creative ideas and solutions.

But unaddressed differences among people at work can create issues, from a minor faux pas to a serious slight that leaves people feeling excluded or marginalized. And the costs of that are high. Less employee loyalty. High turnover. Higher rates of absenteeism. Public relations and/or legal problems.

"Think of a workforce where everyone is fully engaged, meeting goals, not distracted by dealing with offensive behavior," says Mary Connerley, director of the Business Diversity Center at Virginia Tech. "If it's fully engaged in the company's business, think of how much more productive that workforce can be. Everybody can bring their whole selves to work; they're not trying to fit into a mold that doesn't match who they are," she says.

Differences "surface in the workplace in myriad ways," adds Kate Berardo, founder of *Culturosity.com*. "They start at the interactional level and include anything from how we answer the phone, how much small talk we engage in, how much space we give someone when we're talking, what language we use and how formal we are in our interactions."

For instance, according to Connerley, in some cultures, frequent performance feedback is a way to show interest in others' work; in the United States, however, it might be viewed as micromanaging. In other countries and cultures, too, a person might pass up a promotion if it would put them in a position of power over an elder.

Our cultural background also shapes our expectations, she says, "[about] what we mean when we say 'on time,' what is appropriate humor, what communication style we prefer, how we show respect to other people, how we believe we should develop strong relationships, what good teamwork is, what makes for a good manager or leader." CF

"Our cultural background shapes our expectations about what is appropriate humor, what communication style we prefer, how we show respect to other people, what good teamwork is or what makes for a good manager or leader."

How To Thrive in a Multicultural Environment

Don't get comfortable

We all come to work with preferences, biases and prejudices, whether we realize it or not. "You have to make that effort to be aware of your own personal lens," says Mary Connerley. How, you ask? Get out of your comfort zone. Connerley has her students volunteer for service projects that put them in unfamiliar situations with people from different backgrounds. "It can translate into a feeling of discomfort and help you wrap your head around why you feel that."

Cultivate curiosity

Talking about differences shouldn't be taboo. Is your cube-mate eating a food you're unfamiliar with? Celebrating a holiday you don't know about? Wearing a type of clothing you've not seen before? It's OK to ask about it, says Pamela Tudor, an executive coach in Philadelphia.

"You can convey whether you're genuinely interested in another person," she says. "With genuine interest, people love to talk about themselves; with a prejudicial tone, asking may come across as offensive."

Keep an open mind

Approach your learning and all your interactions with the right attitude. View information about other cultures with interest, wonder and goodwill instead of as threatening or weird.

Don't assume your way is the right way. Don't dismiss others' views – be open to and respectful of alternate approaches and viewpoints.

Be specific

With multiple perspectives and work styles, it's important to set expectations. At the start of team projects and other joint efforts, talk with colleagues about how you each like to work and your objectives. Set standards for how quickly e-mails will be answered. Make sure everyone is clear about what they need to do, by when and, if necessary, how to accomplish it.

Discuss and clarify the larger goals you're all working toward. "Otherwise it's gut feelling," says Lisa Whitmore, member of the Society for Human Resource Management Workforce Diversity Expertise Panel, "and what you feel is different than what someone else feels."

Get to know the person, not just the culture

"Recognize that people are like onions," says Kate Berardo. "We're all shaped by a number of complex layers, from gender to religion and where we grew up, even things like the department we work in, that all influence who we are." Never assume that people who share the same cultural heritage or religion, for example, have the same beliefs. It's only through one-on-one conversations and interactions that you'll learn what each person thinks, feels and believes – and how best to work with each one. CF

Are You Culturally Clueless?

Test your global workplace apptitude

Sure, you've mastered the technical aspects of your job, but how well do you work with people who are different in any number of ways from you? Have you ever worried you might say something that could lead to an open-mouth-insert-foot moment? How culturally competent are you? Take this quiz to find out.

1 Your co-worker speaks with a different accent than you're used to, and you didn't understand something she just said. You:

- ☐ **a.** Smile and nod up and down, indicating (in your culture) that you got it even though you didn't.
- ☐ **b.** Wrinkle up your face in puzzlement, then turn and walk away, hoping you'll figure it out soon.
- ☐ **c.** Say, "I'm sorry, I didn't understand. Could you please repeat that?"

2 A colleague wears a traditional headdress to work one day. You:

- ☐ **a.** Giggle with your friends at lunch and say, "Nice hat."
- ☐ **b.** Say nothing. It's none of your business if someone wants to wear a goofy hat.
- ☐ **c.** Politely tell your colleague you've never seen anything like it before and were wondering what its origin and significance is.

3 One of your colleagues declines whenever you invite him out for drinks after work, and he doesn't ever share much about his personal life. You:

- ☐ **a.** Assume he's stuck up and thinks he's better than everyone else so you stop inviting him.
- ☐ **b.** Confront him about his attitude and comment to your boss that he's not a team player.
- ☐ **c.** Consider that maybe he isn't from a culture where people tend to disclose a lot of personal information or fraternize with work mates; you continue to be friendly and let him know about after-work outings but don't draw any negative conclusions if he says no.

4 You overhear some people at lunch making disparaging remarks about a foreign-born colleague. You:

- ☐ **a.** Tell the people at the table they're ignorant fools.
- ☐ **b.** Tell your supervisor or HR executive what you heard, without necessarily mentioning specific names. You also explain why it made you uncomfortable and why it might make others uncomfortable, too.
- ☐ **c.** Join in and make a remark, too, so you don't offend the people at the table.

5 Someone at the office makes a joke that you find offensive. You:

- ☐ **a.** Fake a laugh so as not to show you're offended.
- ☐ **b.** Walk away but stew about it.
- ☐ **c.** Take the person aside at the earliest opportunity and explain that while you know it wasn't intended, you found the joke upsetting (and briefly explain why).

6 You just don't get one of your coworkers, so you keep contact to a bare minimum. Now your boss has assigned you both to co-manage a customer account. You:

- ☐ **a.** Thank your lucky stars for e-mail, so you can still keep your distance.
- ☐ **b.** Tell your boss you'd be much more effective managing the account alone.
- ☐ **c.** Ask your colleague to join you for lunch so you can learn more about her.

Answer key

1. c: Good communication is critical at work. If you don't understand something a coworker says to you, you need to clarify. Period. With no judgment (of them) or embarrassment (on your part).

2. c: It's perfectly fine to ask people about their backgrounds and beliefs, as long as you do it respectfully. (Be willing to share your own, too.)

3. c: People from different cultures have varying comfort levels when it comes to socializing with coworkers and sharing personal information. Don't draw negative conclusions.

4. b: It's important to identify intolerance since it can severely affect your co-workers and your company. HR managers need to know so they can provide appropriate training.

5. c: Unfortunately we've all spoken before thinking and may have inadvertently said something offensive. Letting someone know, politely and privately, will help them become more mindful.

6. c: Getting to know someone is perhaps the best way to bridge cultural differences. Be open to learning about people from all backgrounds and working styles. Everyone has a story; you might be surprised to learn some interesting things about them.

Scoring

Give yourself three points for every correct answer.

If you scored between 15 and 18, congratulations – you're likely to thrive in a multicultural environment.

If you scored between 12 and 14, now might be a good time to think about how to be more open to cultural differences at the office.

If you scored less than 14, try using some of the tips in this article to become more comfortable with people from other walks of life and backgrounds. **CF**

WCC Programs

Vital Statistics

Health care jobs create healthy economy

By Eleanor Shelton

Of course you've heard that Michigan is in a recession, our economy is tanking and there are no jobs to be found. But that is not entirely true. The health care industry is not only doing well, it is booming.

"In Michigan's depressed economy health care is not depressed," says Ed Goldman, associate vice president and deputy general counsel for the University of Michigan Health System. "Michigan has an aging population that will need more health care and there is a critical need for research about new treatments. Further, technology and new diagnostic approaches to disease are in a constant state of discovery."

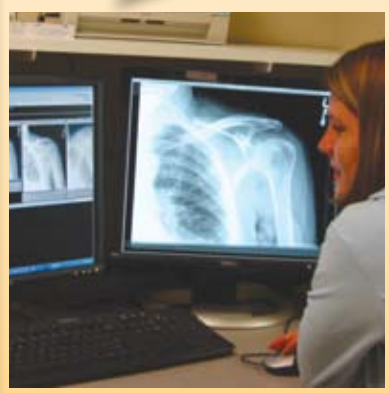
in the next few years. "Because of the aging population more people will need health care. There will also be a push for more individualized medicine based on a patient's genetics," he says. "Therefore there will be a need for more lab technicians, genetic counselors and other health care employees."

Economic health

A 2008 Michigan Health and Hospital Association report, "The Economic Impact of Health Care in Michigan," indicates that over 36,000 direct health care jobs exist in Washtenaw County, and more than 13,000 indirect and induced jobs exist. These generate nearly $4 billion worth of economic impact to the county.

The U.S. Department of Labor estimates that 1.2 million new and replacement nurses will be needed by 2014 and the U.S. Bureau of Labor Statistics estimates 587,000 new jobs will be created by 2016 mostly due to the needs of the aging baby boomer generation. That's a job growth rate of 23 percent in a time where other industries are eliminating jobs.

"On average we have about 40 nursing positions open at any given time," says Lisa Friedman of Employee Education and Development at St. Joseph Mercy Health System.



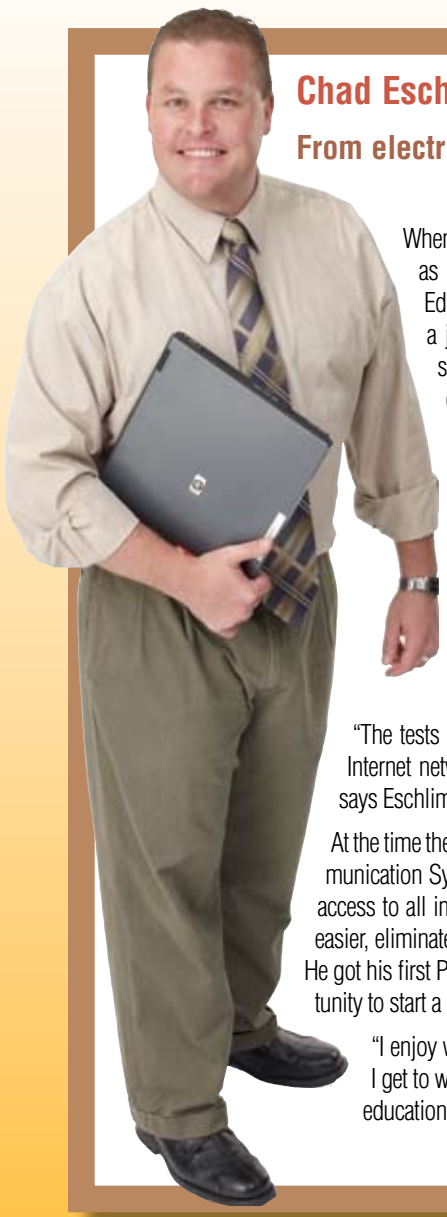
Health care is also a catalyst for employment in other industries. For example The University of Michigan is spending about $500 million on a new children's hospital. That creates a ripple effect resulting in the employment of construction workers, architects and designers, and support services.

Goldman also predicts more increases in health care employment

First Choices & Second Starts

Chad Eschliman

From electrical lineman to X-ray technician



When Chad Eschliman was 25 he worked as an apprentice lineman for Detroit Edison and thought that he had found a job for life. But after talking with a seasoned line worker about the risks, Eschliman decided to rethink his line of work and look for something new. Since he'd been interested in healthcare he decided to complete WCC's Radiography program.

"There are so many opportunities in radiology besides X-rays, such as ultrasound, MRI, CAT scan and nuclear medicine. And with my electrical background it made sense for me," says Eschliman.

The next two years were intense. Eschliman worked 40 hours a week at the University of Michigan Medical Center to pay the rent and was a full-time student at WCC. After finishing the program he worked the midnight shift at Saline Hospital doing CAT scans.

"The tests were read by doctors at St. Joseph Mercy Hospital, and sometimes the Internet network connection was shaky. It often involved a lot of problem solving," says Eschliman.

At the time there was a new process for accessing images called Picture Archiving Communication Systems (PACS), which was a way for doctors and staff to have immediate access to all images digitally through their own computer. It made Radiographer's lives easier, eliminated the need for film and paper records and it totally interested Eschliman. He got his first PACS position at Beaumont Hospital in Royal Oak and then had the opportunity to start a PACS department at St. Mary's Hospital in Livonia.

"I enjoy working with all kinds of technologists and all different modalities. It's like I get to wear a different hat for each department. It was because of the quality of my education at WCC that I've had these different opportunities," says Eschliman. **CF**

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Over 36,000 direct health care jobs exist in Washtenaw County, and more than 13,000 indirect and induced jobs exist. These generate nearly $4 billion worth of economic impact to the county.

With the improvement of diagnostic equipment there will also be a need for more radiographers, and other technicians. And as equipment becomes more complex, and the medical needs of patients increases, so does the educational requirements for those supplying the medical care, thus limiting the pool of workers even more.

"Physical therapists are now required to have at least a master's degree, if not a Ph.D., which narrows the number of therapists,

but has created a huge need for physical therapist assistants," says Pat Hill, instructor in the Physical Therapist Assistant program at Washtenaw Community College. "I have gotten calls from all the local hospitals expressing an interest in our future graduates."

More opportunities

More is being asked of the front-line health care worker these days because the patient is generally more educated about their illness. "Nurses are the ones who are experts at forming relationships with our patients and take responsibility for educating the patient about their health," says Friedman.

Health care workers also have many more options than they used to. Nurses, for example, don't just work in hospitals or doctor's offices but in corporate wellness programs, schools, hospice facilities, staffing agencies and home nursing companies just to name a few. Nurses and other health care workers also are climbing the corporate ladder more then ever before.

"We see nurses who have become hospital CEOs and teaching faculty at colleges and universities. This flexibility makes the profession even more appealing," says Valerie Greaves, clinical lab coordinator at Washtenaw Community College.

Prognosis

"Health care is Michigan's most vital employer," says Spencer Johnson, president of the Michigan Health & Hospital Association in a May 2008 press release. "Health care jobs are good jobs that pay high wages and require people with higher skill sets. These are the exact types of jobs Michigan must keep and create to regain our state's economic prosperity."

With the aging of the U.S. population and the rise of such diseases as diabetes, Alzheimer's and cancer and the research into genetics, there will be an ever-increasing need for health care employees.

"The trend we are seeing is that those interested in health care are coming from other careers. Our students were teachers, police officers, or automotive workers. This is a great second career field because it is flexible and in this market you pick and choose where you want to work," says Greaves. CF

Get Started on a Health Care Career

Washtenaw Community College has several programs that will get you into the health industry in as little as one semester. WCC graduates over 500 students a year who enter the health care workforce in:

Dental Assisting – The Dental Assisting program prepares students for entry-level positions in a variety of settings such as private dental clinics, dental schools, the military and dental insurance offices.

Nursing – This program prepares students for the National Council Licensure Examination for Registered Nurses and for challenging and exciting jobs in all settings of health care.

Pharmacy Tech – This certificate program prepares students for entry-level positions in hospitals, retail stores and other specialty areas where they work under the supervision of a registered pharmacist.

Physical Therapist Assistant – PTAs are skilled health care providers who work under the supervision of physical therapists. PTAs perform components of physical therapy procedures and related tasks.

Radiography – Graduates of this program operate medical imaging equipment and play a vital role in healthcare delivery. CF

**First graduating class will be in 2009.*

Adiyam Tesefaselassie

Nursing was a natural choice

First Choices & Second Starts

Adiyam Tesefaselassie, 35, and a native of Eritrea came to the United States 14 years ago to join her family in California. She knew that she'd get a better education and job opportunities here and she also knew that she wanted to pursue a career in health care.

"I've always tried to be compassionate with people and I have some family members who are nurses and doctors. Seeing someone I helped get better makes me feel good," says Tesefaselassie.

She began her nursing program while still in California but moved to Michigan after she got married. She had heard good things about the nursing program at WCC and enrolled, able to compare the two educational systems.

"I liked the nursing program at WCC better and the faculty are wonderful. I got more training and more hours here than I would have in California. And when I started my job as a nurse in the intensive care unit at St. Joseph Mercy Hospital, I was ready both mentally and educationally. My preparation at WCC was awesome," says Tesefaselassie.

Tesefaselassie is a slight woman with a big smile. She appears capable and determined. Currently she is pursuing a bachelor's degree from Eastern Michigan University and then plans to get her master's degree.

"Nursing is a challenging career, but I can't imagine anything more rewarding." CF

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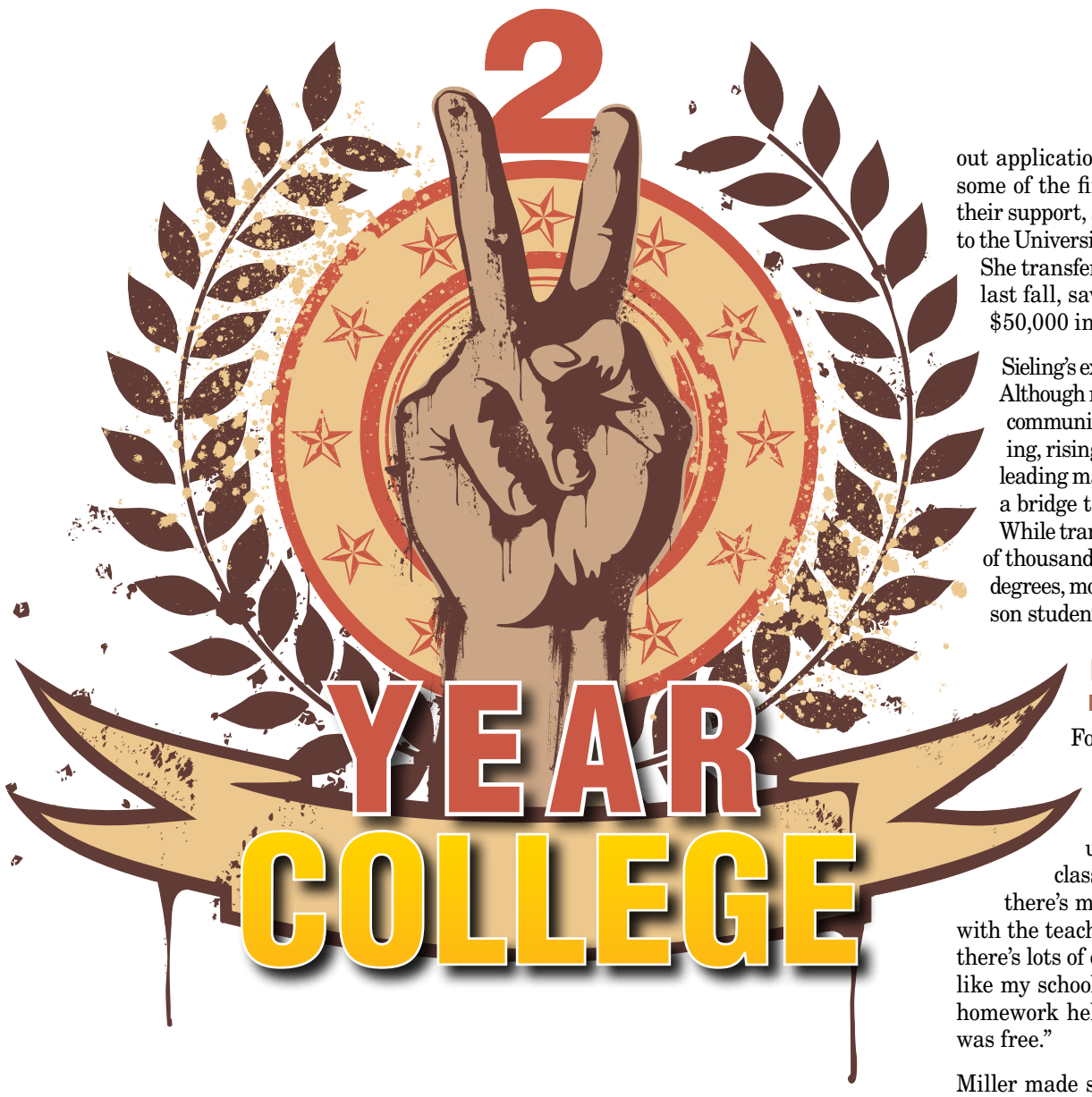
Feature

Two Years You'll Never Regret

Why a two-year college should be your first choice



By James Militzer

Ariele Sieling excelled in high school, earning an A average and dozens of hours in college credit through advanced placement courses. She seemed destined for a major scholarship and a successful college career. Then she took her SAT's.

"I just hate those kinds of exams, and I didn't do well," she says. With university tuition skyrocketing and her test scores putting most scholarships out of reach, she did something she never expected to do: She enrolled at nearby Monroe Community College in Rochester, NY.

The decision wasn't easy. Sieling had always seen community college as a second-rate option for students who couldn't get into a university. "I was actually kind of embarrassed to tell my friends I was going there," she says. "But I didn't know what I wanted to study, and I didn't want to spend a lot of money just trying to figure out what I wanted to do."

Not what you'd expect

She soon got a pleasant surprise: Community college was nothing like the stereotype. "My professors were really awesome, and interesting," she says. "They let you experiment with your ideas and not just give them rote answers. I was going to just get a job after graduating, but I liked school a lot more than I thought I would, and I wanted to keep studying."

That's when Sieling got a second surprise. "I went to the career center, and they were almost entirely geared toward helping people get into four-year schools," she says. "They gave me advice on where to look for universities, helped me fill out applications and helped with some of the financial stuff." With their support, she got a scholarship to the University of North Carolina. She transferred about 60 credits last fall, saving herself roughly $50,000 in tuition.

Sieling's experience isn't unique. Although many students look to community college for job training, rising university tuition is leading many more to view it as a bridge to a four-year degree. While transferring can cut tens of thousands off the cost of their degrees, money isn't the only reason students do it.

Less money, more attention

For Emily Miller, starting at community college helped ease her transition into university life. "The class sizes are smaller, so there's more one-on-one time with the teachers," she says. "And there's lots of other help available, like my school had a fully staffed homework helping room – and it was free."

Miller made strategic use of that personalized attention. "People said that hard classes like organic chemistry would be very difficult at a university, because you're in a big lecture hall," she says. "So I got most of those classes out of the way before I transferred. If I had gone from high school straight to university, I probably would've flunked out!" Instead, she jumped from a C average in high school to a 3.97 GPA at Northeast Iowa Community College, before earning a 3.76 at Iowa State.

Dream big

Transferring has become so common that most community colleges now partner with state universities to facilitate the process. For students like Francisco Torres, a Mexican who moved to California with dreams of becoming a doctor, those services made a big difference.

"When I came here I had no money, and my English was bad," he recalls. "I wanted to get an education, but I was totally blind about community college. So I got a job picking vegetables to save money. It was the only job that didn't require English."

Fortunately, he soon crossed paths with a migrant program director, who encouraged him to apply to West Hills Community College. "When I started going to West Hills, I was just thinking of getting an associate's degree, learning some English and going to work," he says. "I thought there was no way I could afford a university."

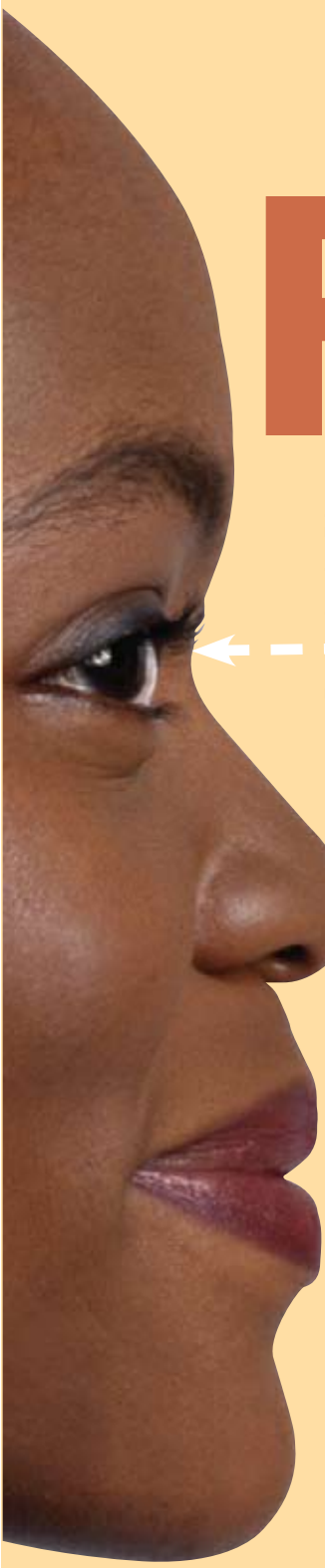
But since West Hills offers transfer assistance to several universities offering medical degrees, his advisors convinced him to reconsider. "The financial aid office helped me apply for grants and scholarships, and for admission to different schools," he says. "And the people there helped me get a job in the cafeteria, which gave me money to pay for my books and classes."

Thanks to that support, Torres earned a bachelor's degree from the University of California Davis this spring. "I'm starting a master's program there in the fall, then I'm going to apply to the UC School of Medicine," he says. "It was hard at the beginning, and a lot of things were blocking my way. But now I'm here, and this is where I always wanted to be." CF

While transferring can cut tens of thousands off the cost of their degrees, money isn't the only reason students do it.

Your Date with Fate

Career fairs are a little like the dance floor



By Anita LeBlanc

Remember those jitters before high school dances? You went to each one filled with anticipation. You looked your best, smiled, flirted, danced and hopefully left with phone numbers and e-mail addresses for new friends or a new romance.

Just like the dance, your attendance at campus career fairs is another kind of golden opportunity, one you won't want to miss. Career fairs give you a chance to find the job of your dreams as you meet with recruiters eager to select the best and brightest candidates for the companies, nonprofits or government agencies they represent.

Get out and dance

Elaine Stover, associate director of career services at Arizona State University and Raul Munoz, university recruiting manager for IBM, share the sentiment that the worst thing a job seeker can do is not attend. Stover says any strategy a student uses to get a job is a good one and notes career fairs rank within the top four. She sees them as perfect chances for students to practice interviewing without the stress of a full interview.

How can you shine among the hundreds of others vying for plum career opportunities? Stover and Munoz are again in sync about the need for potential hires to "prepare, prepare and then prepare!" A lack of research on the part of students is the most frequent complaint Stover receives from recruiters. She advises job seekers, "At the very least, look at the Web sites of organizations [that will be at the fair] you're interested in, learn about what they do and the positions they're recruiting."

Catch their eye

Munoz encourages students to put themselves in his position. "I'm going to talk to hundreds of people. Most will say, 'Hi, I'm Joe. What is IBM hiring for?' or, 'How can I get my foot in the door?' I look for individuals who already know about IBM, what we have to offer, reference the positions we have available and are genuinely excited about working for the company. The ones who do this are the ones I'll remember." Need more incentive to do your homework? Career fair statistics show that up to 49 percent of the candidates who prepare in advance can receive interviews at a fair, and 65 percent of those candidates receive job offers.

Career Fair statistics show that up to 49 percent of the candidates who prepare in advance can receive interviews at a fair, and 65 percent of those candidates receive job offers.

Munoz strongly suggests students begin visiting career fairs as freshmen. "I'll work harder to help someone I've known for four years than someone I've known for four minutes."

Don't be shy

Munoz and Stover also emphasize the importance of an organized, concise resume. While most students won't have a lot of demonstrable work experience, Munoz says they shouldn't discount soft skills – communication, organization and conflict resolution – learned while waiting tables or volunteering.

In fact, he cautions them from trying to sell themselves solely on their technology expertise, a practice often employed by most seniors, and advocates a resume with a balance of technical and soft skills.

Having trouble discerning these and putting them in a resume? Most campus career services have resume guides available and staff willing to help direct students in constructing or revising their resumes. Some experts recommend that job seekers submit resumes online to companies they're interested in before career fairs and then bring a couple dozen of professional-quality copies with them to the event.

Stand out

And speaking of "professional quality," remember the first impression you make will be a lasting one. Dress the part you want to ultimately play in your career. Save the wild and risqué and go for a suit or business casual.

A firm handshake, respectful eye contact and polite language are not accessories, they're musts for a professional impression. And keep your "game on" even when not at booths. The person in the parking lot, hallway or restroom may be the recruiter you most want to impress.

Munoz offers a secret strategy to make your introduction to a recruiter memorable: Pretend to read a brochure at the company's booth while listening to the dialogue between students and the recruiter before stepping in line. This will give you the chance to get basic information so you can reflect and ask questions unique from the ones heard by the recruiter multiple times.

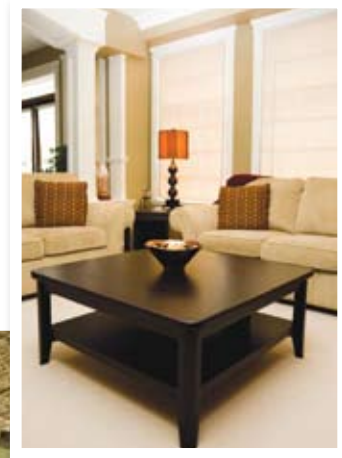
And to make a lasting impression, be sure to send a follow-up e-mail or letter to each recruiter you met after the fair. Reiterating your interest, your knowledge about the company they work for and its opportunities and why you think you'd be an asset will help keep you fresh and foremost in their minds, and leverage your entry into the career you want. CF

Students meet with employers at WCC's annual job fair.

WCC Program

An Educated Eye

Interior design requires both skill and creativity



By Janet Hawkins

Enter a building and your eyes see a million things. Besides color and furnishings, they evaluate light and flow from one end of the space to the other all in a matter of seconds.

Just as quick is your reaction to it. Is it a welcoming space? Does it put you on guard? Are there obstructions to navigate? Are you energized or subdued?

The experience you have when you walk into a corporate office, downtown club or hospital waiting room is probably the result of the creativity and technical know-how of an interior designer.

Form follows function

"Interior design is a profession that is relatively new compared to architects, artisans and craftsman," says Sandra McGowen, president of Georgia-based McGowen Interiors. "We have evolved since the late 1800s and are still evolving. It was not until 1904 when New York School of Design, now Parsons, offered a program in interior design."

"Interior space planning incorporates many design and lighting elements to ensure that people can func-

Lindsey Mishler

Artistic upbringing leads to graphic design career

First Choices & Second Starts

Ask a young child what they want to be when they grow up and you're often surprised.

"I wanted to be a writer or a comic book artist or an astronaut, I had a broad range of interests," recalls Lindsey Mishler, who at the tender age of 12 wrote and illustrated a fantasy novel and comic strip to the amusement of her parents and six siblings, all fairly close in age. "We enjoyed a lot of games and role playing, it was a real artistic upbringing."

Mishler was home schooled her freshman year before enrolling in 10th grade at Washtenaw Technical Middle College, a charter high school on the Washtenaw Community College campus.

"When I enrolled at WTMC I had to choose a major," explains Mishler. "Graphic design was the one most related to my interests, so I took classes in that and loved it."

She graduated from the program with a high school diploma and associate's degree. She continued her studies at Grand Valley State University where she received a Bachelor of Fine Arts degree.

"While at WCC I interviewed Dave Hile from Hile Design for a class project," says Mishler. "I had an internship with him between my junior and senior year, a requirement at GVSU. After it ended I stayed in touch. When a job opened up, he gave me a call."

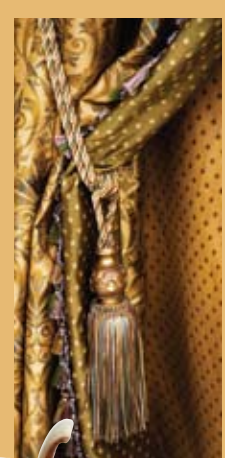
Mishler is a production designer for Hile Design, where she works on Web projects as well as print. A solid career with a solid future.

"I still doodle now and then, it's a hard habit to break." **CF**

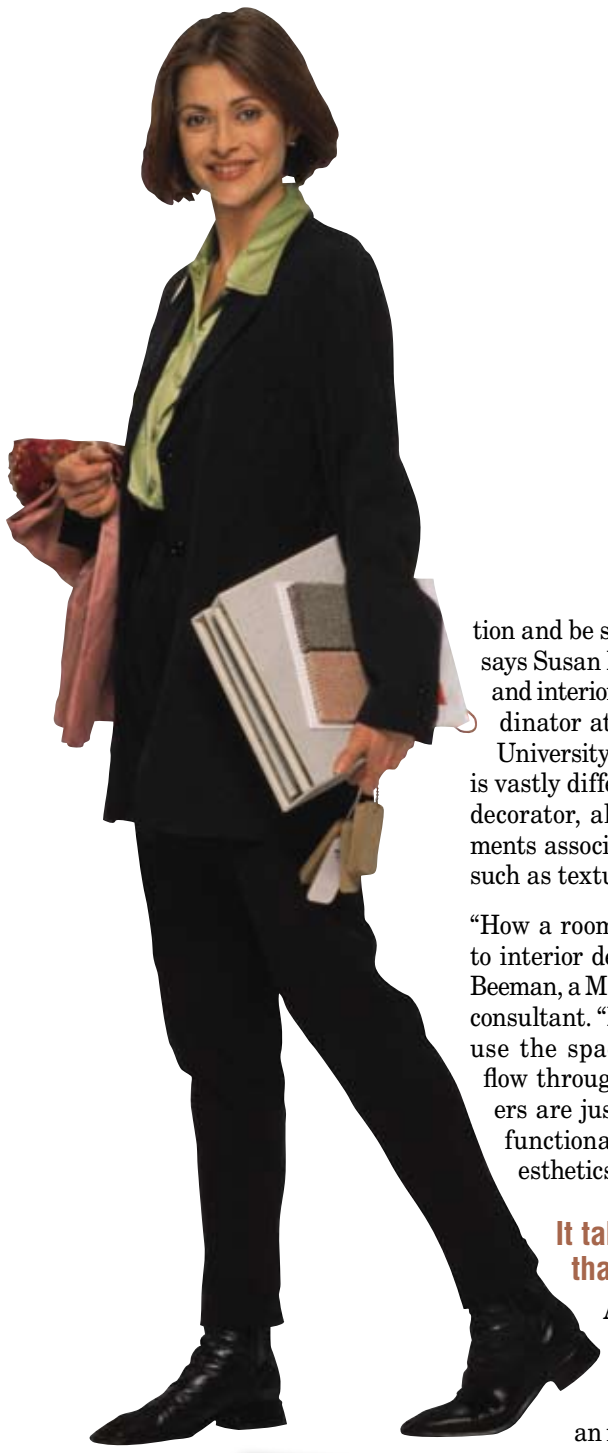
-JLH

Detail Makes the Difference

Attention to detail is what takes a space from ordinary to extraordinary. That kind of painstaking effort was used to develop the new WCC Interior Design program.



"One of the unique details in our program is our studio classes," explains Instructor Belinda McGuire, who developed the curriculum. "The first is the foundation studio, where students familiarize themselves with blueprints to assess pertinent information for design. They'll learn to distinguish between structural and non-bearing walls, estimate material quantity and understand drafting basics related to space, perspective and elevation, among other topics. The next three studios build on this background."



tion and be safe within the space," says Susan Ray-Degges, professor and interior design program coordinator at North Dakota State University. "An interior designer is vastly different than an interior decorator, although they use elements associated with decorating, such as textures and color."

"How a room functions is critical to interior design," adds Shannon Beeman, a Manchester, Mich.-based consultant. "How many people will use the space? How will traffic flow through it? Interior designers are just as concerned about functionality as they are with esthetics."

It takes more than talent

According to McGowen, one of the misconceptions about the profession is that it is an innate talent. "Interior design is a learned craft through education and experience. Special training is necessary to put the pieces together.

"The professional takes their knowledge of function and use, durability, esthetics, codes, elements and principles of design, sources, etc. and visualizes how each decision affects the end results of a space. One decision affects others. In some cases changing one item may totally destroy the results of good design.

"Interior designers see things other people wouldn't notice," she explains. "They make a space

Continued on page 16

Spotlight on Faculty

Belinda McGuire

Interior Design

Instructor Belinda McGuire has the kind of skill set we all wish we had. Technically adept with drafting software and a tape measure, she's spot-on with intricate specifications and the mechanical renderings that require them. But her artistic eye takes over when she's asked to design custom cabinetry or select the right piece of furniture for an uniquely shaped space.

Technical. Visual. Abstract. These are all elements of interior design; they also explain McGuire's perspective of the world around her. She brings that outlook to the new WCC Interior Design program debuting this fall, a program that she spent half a year developing. And with both professional and personal experience in this high-profile field, she has learned how to find common ground when there is more than one client for a job.

"Husbands and wives never agree," observes McGuire, who has had to manage discord among some of her clients. "Interior designers often end up being negotiators. And that's one of the things I built into our studio classes – how to make both clients happy." **CF**

-JLH

The comprehensive studio classes are supplemented with courses that break down the important elements of interior design. Courses like Human Needs in Design, Building Systems, Building Codes, Architectural CAD, Basic Drawing and Design Theory are examined in depth.

"The second, third and fourth studio courses are all about design," adds McGuire. "Studio II applies what the students have learned to interior spaces, such as kitchens and baths, storefronts, offices and vestibules. Studio III takes it up a notch.

"In Studio III we get familiar with complex spaces, like medical facilities, dental offices, specialty interior spaces, areas that require a lot of mechanics, materials and equipment. It also brings in the historical perspective, elements of Greek and classical design, for example, themes that add constraints to design as well as the materials, textiles, architecture and ornamental trim of the period."

The final studio brings it all together. "Studio IV is our capstone course, it's where we get our portfolios in top shape. Quality is critical in this profession. Students need to have polished presentations for transfer to a four-year interior design program," emphasizes McGuire.

Program prepares you for advanced study

While some graduates will find work in retail businesses or as interior design assistants, McGuire feels most will continue on with their studies.

"The program was designed for transfer to a four-year school. To go on to higher levels in the profession you must have a bachelor's degree."

Articulation agreements with the Kendall School of Design in Grand Rapids and the College for Creative Studies in Detroit are in discussion. Once finalized, students will be able to transfer in as juniors.

"Interior designers graduating from schools like Kendall or CCS go on to work in venues many people don't realize require a that kind of expertise," McGuire points out. "For example, some work with the Big Three to design car interiors. Others have helped restaurants and municipal buildings meet code for handicap accessibility.

"There are many opportunities in interior design. Right now, green design is everywhere. New construction is applying it. Rehabbed facilities are incorporating it. And many interior designers are specializing in it." **CF**

WCC Program

Continued from page 15

function better, and often within a limited budget."

"Interior design is a learned craft through education and experience. Special training is necessary to put the pieces together."

"Spaces also can affect people emotionally," explains Beeman. "Colors can be inspiring and fabrics irritating. An interior designer also looks at circulation and airflow, and how things fit together in a space. Is it too claustrophobic? Is the lighting romantic or harsh?"

Expert results

Ray-Degges, McGowen and Beeman agree that the groundwork for a successful interior design career begins in the classroom.

"Most accredited programs include drafting, design, layout and CAD," says Ray-Degges. "Students develop a toolbox of skills that become their foundation. From there they can specialize in spaces such as kitchen and bath, or accessible design for our aging population."

"It takes training to design a space that is both functional and beautiful," adds Beeman. Understanding the elements of good design cannot be emphasized enough. What you leave out of a space is just as important as what you include in it.

"Those who tend to like contemporary design feel comfortable with straight lines and less texture," explains McGowen. "Transitional and traditional design incorporates more curves, which tend to soften the design. Using fabrics with a nice hand feels good to the touch. Using different textures creates interest in a space."

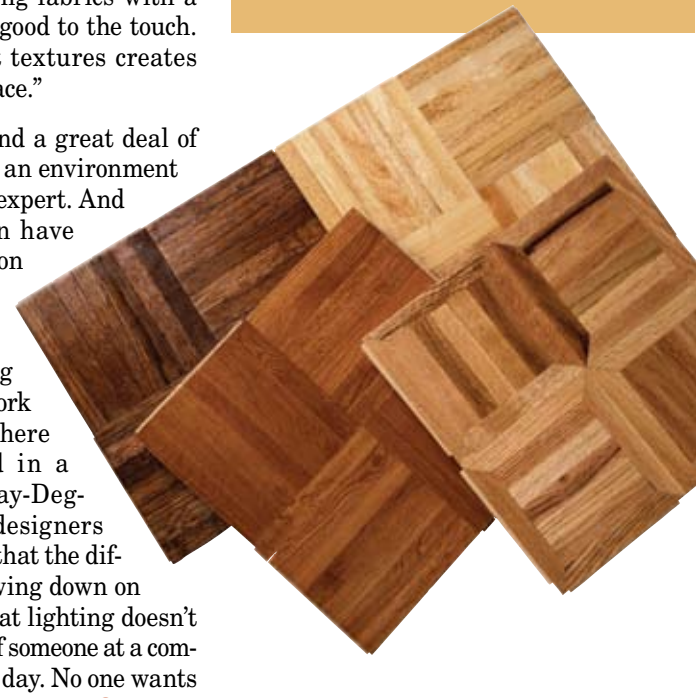
Many of us spend a great deal of our work day in an environment designed by an expert. And that design can have a huge impact on productivity.

"Color, lighting and heating can all affect work stations and where they're placed in a space," says Ray-Degges. "Interior designers will make sure that the diffuser is not blowing down on a person and that lighting doesn't strain the eyes of someone at a computer screen all day. No one wants to work in Dilbertville." CF

Where Will Interior Design Take You?

Do you have an eye for corporate interiors? Are you passionate about small, intimate spaces? Skilled interior designers have many options available to them, including:

- Residential interior design
- Commercial interior design
- Green design
- Medical facilities
- Retail venues
- Adaptive designs for seniors and the disabled
- Interior design for specialty places. CF



First Choices & Second Starts

Shariann and Gillian Wiltshire

Fraternal twins, identical educations and careers

Some twins may dress or think alike, but Shariann (*right*) and Gillian (*left*) Wiltshire's special bond is in their matching educations and careers. Shortly after their move to Michigan in 2001 from Dominica Island in the Caribbean, they visited the Adult Transitions Program at WCC's Harriet Street Center. "Our high school diplomas from our country didn't transfer here," explains Shariann.

She and her sister earned GEDs at WCC in 2001 and then began WCC college coursework. Her position as a work-study student assisting a social worker changed her initial plan to become a lawyer. "I liked the feeling of satisfaction I had at the end of the day after helping people." Gillian, who tutored fellow students as a work-study student, decided to forego her plans to work in accounting after she recognized an identical need to help others and a career test result showed her innate talent for social work.

The sisters received associate's degrees in Human Services in 2005, and then earned bachelor's degrees in social work at Eastern Michigan University. Shariann readily admits her sister is the more driven of the two and is grateful to her for insisting she stay the course. Gillian good-naturedly explains her twin's interest in women's studies at EMU kept them from graduating at the same time, she in 2008 and Shariann in 2008.

The sisters now have social work careers while they continue to live at home with their mother who encourages their educations. Gillian advocates for foster children at Lutheran Social Services, while Shariann oversees discharge planning and counseling of mostly geriatric residents and their families at Whitehall Convalescent Center.

The sisters will pursue MSW degrees at EMU this fall. While the strategy to continue living with their mother until they finish their master's degrees was Gillian's idea, it's one Shariann is in synch with, naturally. CF

-AL

First Choices and Second Starts

At WCC, we're really not just bragging when we say we have something for everyone. We've got summer camps for teens and college classes for dual-enrolled high school students. We've got GED classes and testing, ESL courses and college readiness classes in math and English for students who need to brush up before they begin a college degree.

We've got short-term certificate programs for students who want to train quickly for a career, two-year associate degree programs for student who want to fill out their skills and transfer programs for students who want to go the distance for a bachelor's degree (or master's, or beyond). And we've got convenient FlexEd classes on the weekend, online and in the classroom for busy people. Oh, and a full range of non-credit classes.

Maybe we are bragging a little when we say that we're blessed with a gorgeous campus, excellent facilities and a diverse student community. We've got students of every age and ethnic heritage, first generation college students and students with graduate degrees. The wooded main campus on Huron River Dr. is home to state-of-the-art facilities in visual arts, automotive, HVAC and industrial technology among others. Our computer labs, health and fitness facility and three extension centers aren't bad either.

As the community's college, Washtenaw's mission is to provide an open door teaching and learning environment. Find out how WCC can help you get started or start over by visiting us at *wccnet.edu*. **CF**

Washtenaw Community College | SCHOOL OF ADVANCED MANUFACTURING SYSTEMS

Whether your interest is in robotics, manufacturing or automation, the programs in the School of Advanced Manufacturing Systems will fit your needs. Maintain and troubleshoot the machines that make commercial goods by specializing in one or more aspects of the machining industry. Develop entry level or advanced skills in electronics, automation, industrial computing, fluid power, numerical controls or welding. Advanced specialization is also available in some of these areas.

National Median Salaries

Numerical Tool and Process Control Programmer – $44,810*

Automation

Are you looking for a career as a hydraulic technician, in robotics or an introduction to manufacturing engineering? Consider the field of Automation.

Automation Technology Certificate

Fluid Power Certificate

Automation Technology Associate in Applied Science

Electronics

Specialize in industrial electricity/electronics or computerized systems and programmable logic controllers. The field of Electronics is open to you.

Computer Systems Technology Certificate

Industrial Electronics Technology Certificate

Industrial Electronics Technology II Advanced Certificate

Machine Tool

Learn about machining operations through the production of parts using WCC's extensive machine tool laboratory.

Machine Tool Technology Certificate

Manufacturing

Develop skills needed to be a numerical control operator or utilize your imagination in the field of manufacturing. Innovation and lean manufacturing are important skills in the field of manufacturing.

Advanced Manufacturing Certificate

Numerical Control Programming Certificate

Other Options

Welding – See School of Construction Technology

Washtenaw Community College | SCHOOL OF APPRENTICESHIP STUDIES

Find a trade-related associate's degree program that builds on your unique set of skills while giving you the knowledge and skills needed to move into organizational leadership.

Apprenticeship Studies

Individualized programs that utilize earned certificates, apprenticeships and trade-related credits tailored to the needs of the student. The Occupational Studies degree offers the flexibility to combine certain certificate programs with general education courses and electives to develop an individualized Associate in Applied Science degree.

Apprentice Completion Certificate

Journeyman Industrial Associate in Applied Science

Occupational Studies Associate in Applied Science

United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada

These programs are restricted to members of the United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada.

Construction Supervision Certificate

Construction Supervision Associate in Applied Science

Construction Supervision Associate in Science

Industrial Training Associate in Applied Science

Industrial Training Associate in Science

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | SCHOOL OF AUTOMOTIVE AND MOTORCYCLE TECHNOLOGY

If you are looking for the best technical training in the automotive or motorcycle fields, WCC's School of Automotive and Motorcycle Technology is the place for you. Whether your focus is finding employment as a technician, learning about performance or creating a custom look, our intermediate and advanced certificate programs as well as associate's degrees will enhance your personal and professional qualifications. These programs offer the perfect blend of classroom and hands-on education not available in any other educational setting.

National Median Salaries

Automotive Body and Related Repairers – $38,253*

Automotive Service Technicians and Mechanics – $36,480*

Motorcycle Mechanic – $32,210*

Auto Body Repair

These certificates prepare the student for various positions in the auto body repair industry.

Auto Body Repair Certificate

Collision Repair Refinish Technician Advanced Certificate

Collision Repair Technician Advanced Certificate

Automotive Services

The automotive certificates prepare the student for work as an automotive technician, diagnosing and repairing malfunctions in automobile systems.

Automotive Mechanics Certificate

Automotive Technician Advanced Certificate

See the Automotive Technologies Video
wccnet.edu/flashvideos

Custom Cars & Concepts

Develop advanced skills in the customization of the auto body through the completion of these advanced certificates.

Custom Auto Body Technician Advanced Certificate

Custom Fabrication & Chassis Design Advanced Certificate

Motorcycle Service Technician

Prepare for a career as a motorcycle mechanic or build upon skills already developed.

Motorcycle Service Technology I Certificate

Motorcycle Service Technology II Advanced Certificate

Other Options:

Welding – see School of Construction Technology
Occupational Studies – see School of Apprenticeship Studies

Washtenaw Community College | SCHOOL OF BUSINESS AND ENTREPRENEURIAL STUDIES

Learn the fundamentals you will need to become a business leader or entrepreneur. These programs help you develop entry-level skills in various aspects of business. Whether your goal is to make your place in an existing industry or branch out on your own, these programs can provide the foundation for success.

National Median Salaries

Sales Representatives – $57,480*

Employment, Recruitment and Placement Specialists – $52,710*

Food Service Managers – $48,660*

First Line Supervisors/ Managers of Construction Trades and Extraction Workers – $59.360*

First Line Supervisors/ Managers of Mechanics, Installers, Repairers – $57,400*

Executive Secretaries and Administrative Assistants – $40,700*

Medical Secretaries – $30,050*

Entrepreneurship

Learn how to recognize market opportunities and plan a small business through completion of this certificate program.

Entrepreneurship Certificate

Business

Choose one or more areas in the field of business as you prepare for your future.

Business Sales and Marketing Certificate

E-Business Fundamentals Certificate

Human Resource Management Certificate

Management Supervision Advanced Certificate

Management Supervision Associate in Applied Science

Accounting

Accounting and tax services, CPA firms and small businesses need employees with accounting skills. These programs can provide the skills needed for entry-level positions.

Accounting Certificate

Accounting Associate in Applied Science

Business Office Systems

Whether you are just starting out in an office or advancing to a high-level administrative or executive assistant position, these programs can help you achieve your goals.

Administrative Assistant I Certificate

Computer Software Applications Certificate

Medical Office Assistant Certificate

Administrative Assistant II Advanced Certificate

Administrative Assistant Technology Associate in Applied Science

Other Options

Business Associate in Art – see Transfer and University Parallel Programs
Occupational Studies – see School of Apprenticeship Studies

Washtenaw Community College | SCHOOL FOR CHILD CARE PROFESSIONALS

If you yearn to be involved in nurturing the next generation of young people, the School of Child Care Professionals is the place to begin. Gain the knowledge and skills required for state licensing and national childcare credentials while enjoying the personal experience of working directly with children.

National Median Salaries

Preschool Teachers – $25,800*

Child Care Professionals

Whether you are looking to care for children in a home-based center or a professional or school-based setting, these programs can prepare you for an entry-level position as a childcare professional.

Child Development Certificate

Child Care and Education Advanced Certificate

Child Care Professional Associate in Applied Science

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | SCHOOL OF CONSTRUCTION TECHNOLOGY

Become part of the growing global community of skilled trades professionals or skilled trades managers. Design, plan, construct and complete structures for your home or for your career. You can earn a certificate or degree in Residential Construction, Construction Management or Heating, Ventilation and Air Conditioning. These programs offer the perfect blend of classroom education and hands-on training. At the Henry S. Landau Design and Construction Training Center, you will be taught construction skills from the ground up. You can learn classic skills such as woodworking or modern techniques needed to maintain or improve your own structure. On the main campus, the HVAC program offers a wide range of training to equip high-end technicians with the knowledge and skills needed for successful entry into the field.

National Median Salaries

Construction Manager – $85,830*

Carpenter – 41,260*

Surveying and Mapping Technician – $35,900*

Architectural and Civil Drafter – $45,280*

Electrical and Electronic Drafter – $51,710*

Mechanical Drafter I – $46,690*

Drafter, other – $47,340*

Heating, Air Conditioning and Refrigeration Mechanic –$40,630*

Welder, Cutter, Solderer or Brazer – $33,960*

Construction Management

Prepare for work in the construction management or property maintenance industries through the completion of these programs.

Commercial Property Maintenance Technology Advanced Certificate

Construction Management Associate in Art

Drafting & Surveying

These programs focus on the designing and planning careers needed throughout the construction industry.

Computer-Aided Drafting Certificate

Residential Planning and Estimating Certificate

Surveying Assistant Certificate

Computer-Aided Drafting Advanced Certificate

Residential Design Advanced Certificate

Architectural Technology Associate in Applied Science

Computer-Aided Drafting and Design Associate in Applied Science

Interior Design Associate in Applied Science

HVAC

Whether you are working on residential or commercial equipment these programs prepare you for a career in the heating, ventilation, air conditioning and refrigeration industry.

Heating, Ventilation, Air Conditioning and Refrigeration Residential Certificate

Heating, Ventilation, Air Conditioning and Refrigeration Commercial Advanced Certificate

Heating, Ventilation, Air Conditioning and Refrigeration Industrial Advanced Certificate

Heating, Ventilation, Air Conditioning and Refrigeration Associate in Applied Science

Residential Construction

If you want to learn basic construction, prepare to take the Michigan Builder's License exam or are considering starting a construction business, this is the place to start.

Residential Construction I Certificate

Cabinetmaking/Millwork Systems Technology Advanced Certificate

Residential Construction II Advanced Certificate

Residential Construction Associate in Science

See the Residential Construction Video
wccnet.edu/flashvideos

Welding & Fabrication

Learn skills from beginning welding to advanced fabrication for a career as a welding maintenance mechanic.

Welding Certificate

Welding Mechanics Advanced Certificate

Welding Associate in Applied Science

See the Welding Video
wccnet.edu/flashvideos

Other Options

Management Supervision Advanced Certificate – See School of Business and Entrepreneurial Studies

Management Supervision Associate in Applied Science – See School of Business and Entrepreneurial Studies

Washtenaw Community College | SCHOOL OF CRIMINAL JUSTICE AND LAW ENFORCEMENT

Students develop the skills and knowledge necessary for work in law enforcement and criminal justice. Completion of the Police Academy Certificate prepares the student to take the exam necessary for a career as a police officer.

National Median Salaries

Police and Sheriff Patrol Officer – $50,670*

Correctional Officer – $39,970*

Criminal Justice and Law Enforcement

The programs prepare the student for careers as a police officer or in criminal justice.

Police Academy Certificate

Criminal Justice/Law Enforcement Associate in Applied Science

Other Options

Criminal Justice Associate in Art – See Transfer and University Parallel Programs

Washtenaw Community College | SCHOOL OF CULINARY ARTS AND HOSPITALITY MANAGEMENT

Find your passion in food, friends and elegant surroundings. Develop skills for an entry-level position in restaurant, hospitality or institutional settings. Whether your interests lie in pastry and wedding cakes, food preparation and marketing or management of food service, these are the programs for you.

National Median Salaries

Food Service Managers – $48,660*

Chef or Head Cook – $40,700*

Culinary Arts and Hospitality Management

Develop the skills necessary for a career in the hospitality industry.

Baking and Pastry Certificate

Culinary Arts Certificate

Hospitality Management Certificate

Culinary and Hospitality Management Associate in Applied Science

See the Culinary Arts and Hospitality Management Video
wccnet.edu/flashvideos

Other Options

Management Supervision Advanced Certificate – See School of Business and Entrepreneurial Studies

Management Supervision Associate in Applied Science – See School of Business and Entrepreneurial Studies

Occupational Studies – see School of Apprenticeship Studies

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | SCHOOL OF INFORMATION TECHNOLOGY

The School of Applied Information Technology gathers the diverse areas that make up the computer technology of today. From basic programming languages to systems development through networking, these programs provide the core of information technology. Develop skills in computer forensics or learn how to run a successful e-business. The growing field of applied information technology is waiting for you.

National Median Salaries

Web Software Developer – The middle 50 percent earn between $57,573 and $80,000**

Web Designer – The middle 50 percent earn between $53,337 and $70,662**

Network Planning Analyst I – The middle 50 percent earn between $43,632 and $58,008**

Network Security Systems Manager – The middle 50 percent earn between $61,511 and $101,321**

Computer Programer – $72,010**

Java Developer – The middle 50 percent earn between 63,844 and $84,717*

Computer Systems Analyst – $75,890*

Network and Computer Systems Administrators – $67,850*

Computer and Information Scientist, Research – $100,640*

Internet Professional

Join the web development industry through the completion of these certificates and degree.

Web Technology Certificate

E-Business Advanced Certificate

Web Application Developer Advanced Certificate

Web Graphic Design Advanced Certificate

Internet Professional Associate in Applied Science

Networking

Develop and manage computer networks as a network administrator/engineer.

Computer Networking Academy I Advanced Certificate

Computer Networking Operating Systems I Advanced Certificate

Computer Networking Associate in Applied Science

Computer Networking Academy II Post Associate Certificate

Programming

Learn the foundation of computer programming or specialize in a programming language through these programs.

Foundations of Computer Programming Certificate

.Net Programming

Java Developer Advanced Certificate

Object-Oriented Programming with C++ Advanced Certificate

Computer Programming Associate in Applied Science

Computer Security and Forensics

Become part of the growing field of computer system security and forensics.

Information Assurance Certificate

Computer Forensics Advanced Certificate

Network Security Advanced Certificate

Computer Forensics Associate in Applied Science

Computer Systems Security Associate in Applied Science

See the Computer Security Video

wccnet.edu/flashvideos

Systems Development and Administration

Develop and manage computer systems and using universal operating systems.

Linux/Unix Systems I Certificate

Linux/Unix Systems II Advanced Certificate

Web Database Developer Advanced Certificate

Microcomputer System Support Associate in Applied Science

Other Options

Computer Systems Technology Certificate – see School of Advanced Manufacturing Systems

Washtenaw Community College | SCHOOL OF MUSIC AND PERFORMING ARTS

Students learn basic creative and performance skills in music, drama and dance and how they are applied in a professional setting. Whether you are exploring your own talents, coordinating the talents of others, or practicing the techniques you will need to make a living at your craft, the School of Music and Performing Arts provides the fundamentals you need.

National Median Salaries

Musician or Singer – $27.27/hr*

Sound Engineering Technician – $54,220*

Music and Performing Arts

Develop the skills for a career in music performance, engineering or production through these certificate programs.

Music Performance Certificate

Music Production/Engineering Certificate

See the Music Video

wccnet.edu/flashvideos

Washtenaw Community College | SCHOOL OF NURSING AND HEALTH SCIENCES

Find your place in the growing field of health care. Whether your interest lies in the traditional field of nursing or the new program in physical therapist assistant, the School of Nursing and Health Sciences provides a variety programs designed to prepare students for entry-level positions in dental assisting, pharmacy technology, radiography, physical therapist assistant, nursing assistant or professional nursing.

National Median Salaries

Dental Assistant – $32,280*

Nursing Aide, Orderly or Attendant – $23,920*

Registered Nurse – $62,480*

Pharmacy Aide – $21,120*

Physical Therapist Assistant – $44,340*

Radiologic Technologist and Technician – $51,150*

Dental Assisting

Prepare for a career as a certified dental assistant through the completion of this program.

Dental Assisting Certificate

Health Care Foundations

Uncertain of your specific career path in the field of health care? This certificate program can provide the essential basic skills to prepare for a specialized program.

Health Care Foundations Certificate

Nursing

Prepare for a career in a variety of health care settings through this certificate and associate in applied science degree program.

Nursing Assistant Skills Training Certificate of Completion

Nursing Transfer Associate in Applied Science

Registered Nursing Associate in Applied Science

Pharmacy Technology

Work with a professional pharmacist to meet the medication and customer service needs of individuals in a variety of settings.

Pharmacy Technology Certificate

Physical Therapist Assistant

Work with a physical therapist to provide selected services to patients with a wide variety of conditions.

Physical Therapist Assistant Associate in Applied Science

Radiography

Prepare for a career as a radiographer, operating various medical imaging equipment.

Radiography Associate in Applied Science

Other Options

Management Supervision Advanced Certificate – See School of Business and Entrepreneurial Studies
Occupational Studies – see School of Apprenticeship Studies

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | SCHOOL OF VISUAL ARTS

The eyes say it all in the School of Visual Arts. From the classics of photography and graphic design to the developing fields of digital video and 3-D animation, students can learn a variety of skills leading to multiple career options.

3-D Animation

Learn the basics of three dimensional animation used in videos, games and on the web. This degree will prepare you for an entry-level position in digital modeling and animation.

3-D Animation Associate in Applied Science

Digital Video

Complete these programs to learn how to create digitized video productions for the Web and other presentation forms.

Digital Video Film Production Certificate

Digital Video Production Associate in Art

Graphic Design

From the foundations of visual communication through production techniques, this field allows you to utilize your creative and artistic abilities.

Graphic Design Certificate

Graphic Design Associate in Applied Science

Photography

Develop skills in composition, processing and presentation needed for a satisfying career in professional photography or as a means of personal expression.

Photographic Imaging Certificate

Photographic Technology Associate in Applied Science

See the Photography Video
wccnet.edu/flashvideos

National Median Salaries

Cartoonist/Animator – the middle 50 percent earn between $43,207 and $58,782**

Television, Video or Motion Picture Camera Operator – $46,570*

Film and Video Editor – $61,180*

Graphic Designer – $45,340*

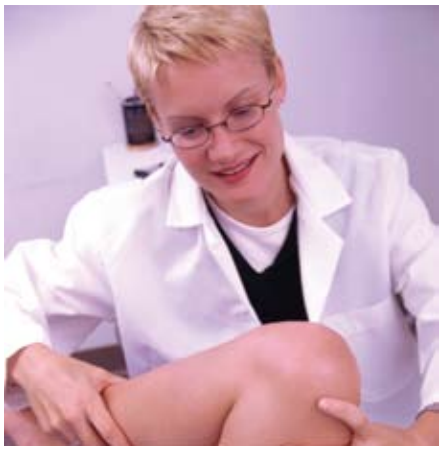
Art Director – $83,230*

Multimedia Artist and Animator – $61,010*

Photographer – $34,010*

Other Options

Interior Design Associate in Applied Science – See School of Construction Technology



Washtenaw Community College | TRANSFER AND UNIVERSITY PARALLEL PROGRAMS

If your goal is to continue your education toward a baccalaureate degree, then the Transfer and University Parallel programs is the track for you. Complete the first two years of study in a supportive environment with small classes and personal attention.

Business

Designed for students who intend to transfer into a four-year school program in business.

Business Associate in Art

Communication

Prepare to transfer to a four-year school or begin a career in radio and/or other forms of broadcast arts.

Broadcast Arts Associate in Art

Education

These programs offer the first two years of instruction required to become a certified teacher in the state of Michigan.

Elementary Education Associate in Art

Secondary Education Associate in Art

National Median Salaries

Accountants and Auditors – $63,180

Advertising and Promotions Managers – $73,060*

Marketing Managers – $98,720*

Kindergarten, Elementary, Middle, and Secondary School Teachers – from $43,580 to $48,690*

Engineer – from $66,030 to $77,920*

Physicians and Surgeons – from $132,953 to $259,948*

Technical Writer – $58,050*

Reporters and Correspondents – $33,470 *

Social Worker – $37,480

Law and Law Enforcement

Considering a career in police work, probation or juvenile criminal justice? This program prepares you for further study in these specialized fields.

Criminal Justice Associate in Art

Liberal Arts Transfer

This program of study can be individualized to meet your needs or the requirements of the transfer college or university.

Liberal Arts Transfer Associate in Art

Exercise Science

This program prepares the student for further study in areas of exercise science.

Exercise Science Associate in Science

Math and Computer Science

This program prepares the student for further study in areas of math and computer science.

Math and Science – Math or Computer Science Concentration Associate in Science

Pre-Engineering/Physics

Students utilize this program in preparation for a degree in engineering or physics.

Math and Science – Pre-Engineering Concentration Associate in Science

Pre-Medicine

If your goal is in the field of medicine or medical research, these programs will prepare you to transfer into a baccalaureate degree program.

Math and Science – Biology/Pre-Medicine Concentration Associate in Science

Math and Science – Chemistry/Pre-Medicine Concentration Associate in Science

Professional Writing

Whether your goal is in journalism or technical writing, these programs provide a foundation for beginning writing or to undertake advanced studies at a four-year institution.

Technical Writing Certificate

Journalism Associate in Art

Technical Writing Associate in Art

Technical Writing Associate in Science

Continued

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | **TRANSFER AND UNIVERSITY PARALLEL PROGRAMS**

Continued

Social Work

This program prepares you to transfer to a bachelor's degree program in social work.

Human Services Associate in Art

What is the National Median Salary?

CareerFocus uses salary information from the U.S. Bureau of Labor Statistics and *Salary.com* unless noted otherwise. These figures represent the national midpoint earnings for each job description. This means that half the U.S. employees surveyed in a particular occupation earn less than this figure and half earn more.

Individual salaries vary based on the region, the size of the employer and the employee's education, experience and skill level. You can research your potential salary at *Salary.com*, *The Occupational Outlook Handbook* at the U.S. Bureau of Labor Statistics Web site *(www.bls.gov)* or by checking with professional organizations and local employers.

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College ADA/EEO/Title IX/Section 504 Compliance Statements

Washtenaw Community College does not discriminate on the basis of race, sex, color, religion, national origin, age, disability, height, weight, marital status or veteran status in provision of its educational programs and services or in employment opportunities and benefits. WCC is committed to compliance in all of its activities and services with the requirements of Title IX of the Educational Amendments of 1972, Public Act 453, Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964 as amended, Public Act 220, and the Americans with Disabilities Act of 1990.

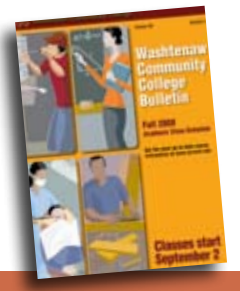
Inquiries concerning programs and services under Title IX and Section 504, and the Americans with Disabilities Act should be directed to the Office of the Associate Vice President of Student Services, Room SC 275A, Student Center Building, 734-973-3536. Inquiries regarding compliance in employment should be directed to the College Affirmative Action Officer in the Office of Human Resource Management, Room 120, Business Education Building, 734-973-3497. Inquiries concerning access to facilities should be directed to the Director of Plant Operations, Plant Operations Building, 734-677-5300.

Title II Student Right to Know and Campus Security Act Compliance Statement

The Student Right to Know and Campus Security Act of 1990 is a federal law that mandates the disclosure by all institutions of higher education of the rates of graduation, the number of incidents of certain criminal offenses, and the default rate for student loans. The law also mandates that information be provided on the type of security provided on campus, the pertinent policies regarding security on campus, and policies that record and deal with alcohol and drug abuse. Washtenaw Community College is in full compliance with these provisions and provides the required information annually through college publications. Inquiries concerning the Student Right to Know and Campus Security Act should be directed to Washtenaw Community College, Office of the Associate Vice President of Student Services, Room SC 275A, Student Center Building, Ann Arbor, MI 48106 (telephone 734-973-3536).

WCC is a smoke-free campus.

WCC FALL 2008



REGISTRATION GOING ON NOW

Don't Get Dropped!

Pay by August 7 to keep your seat
Pay the day of registration after August 7

Classes start September 2

WCC is now offering more

WEEKEND CLASSES

to fit your schedule

Find Saturday (Sa) and Sunday (Su) classes online at *www.wccnet.edu*

Washtenaw Community College

Looking for a Job in Health Care? Join WCC for a

Health Care Career Fair

Tuesday, Oct 21
10 a.m. – 2 p.m.
Morris Lawrence Building

Over 30 employers representing a variety of health care professions including nursing, radiography, dental assisting, pharmacy technology and more. Open to the public.

Break out information sessions through the day will include:

- Information about WCC's Health Care programs
- How WCC's Employment Services can help you
- Information about the kinds of assistance available from WCC's Student Resource and Women's Center

E3: Employing, Empowering, Educating Persons with Disabilities

On September 22nd WCC will kick off a workshop series designed to highlight disability-related issues for students and community members. The first of a three-part series begins with *Employment: Begin with the End in Mind.* Human Resource personnel from local employers will be discussing:

- Services available for job hunters.
- How can you prepare for a job?
- What skills are employers seeking in today's market?
- Resume "do's and don'ts.'"
- What can you expect in an interview?
- What are the laws that dictate hiring procedures?

This series will be offered in collaboration with WCC Employment Services and Learning Support Services, Michigan Rehabilitation Services, The Center for Independent Living and WorkSkills.

For more information call WCC Employment Services 734-677-5155

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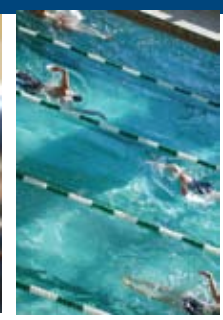
WCC Bookstore

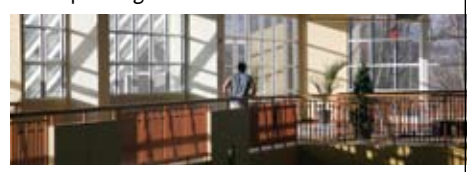
LIVE LIFE TO THE FITTEST



The Health & Fitness Center at Washtenaw Community College

You'll find a 75,000 sq. ft. facility with open spaces and spectacular views. It's beautiful. It's friendly. It's a great place to get healthy and fit.

- Health and fitness classes; including yoga, Pilates and spinning
- Personalized training and nutritional counseling
- A walking/jogging track
- Free weights, resistance and cardiovascular training equipment
- A large lap pool and a warm therapeutic pool with wheelchair access
- Spacious locker rooms with whirlpools, steam, sauna and massage
- Childcare (for a small fee)
- Tortoise & Hare Running and Fitness store
- Free parking ...and much more!



For more information, or to join, call (734) 975-9950 or visit www.wccfitness.org

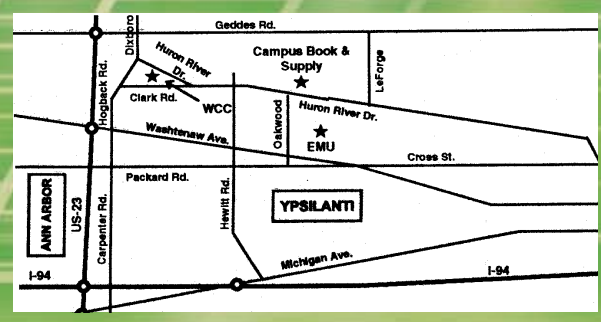
The Health & Fitness Center
AT WASHTENAW COMMUNITY COLLEGE

Focus on Textbooks (but spend less $!)

Shop at Campus Book and Supply

Textbooks for all classes at Washtenaw Community College and Eastern Michigan University

1078 Huron River Drive, Ypsilanti
Eastern Plaza, next to McDonald's (only minutes from WCC)



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- The BA in MDS is available to those who have significant college credit in a variety of academic disciplines.
- Classes are offered in a blended online format, meaning students meet twice per course at WCC with the remaining coursework completed online.

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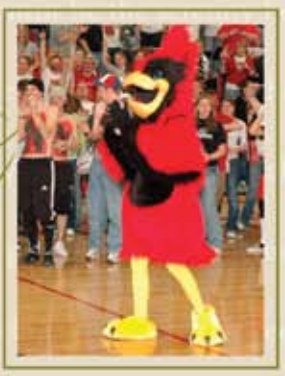
Be the voice



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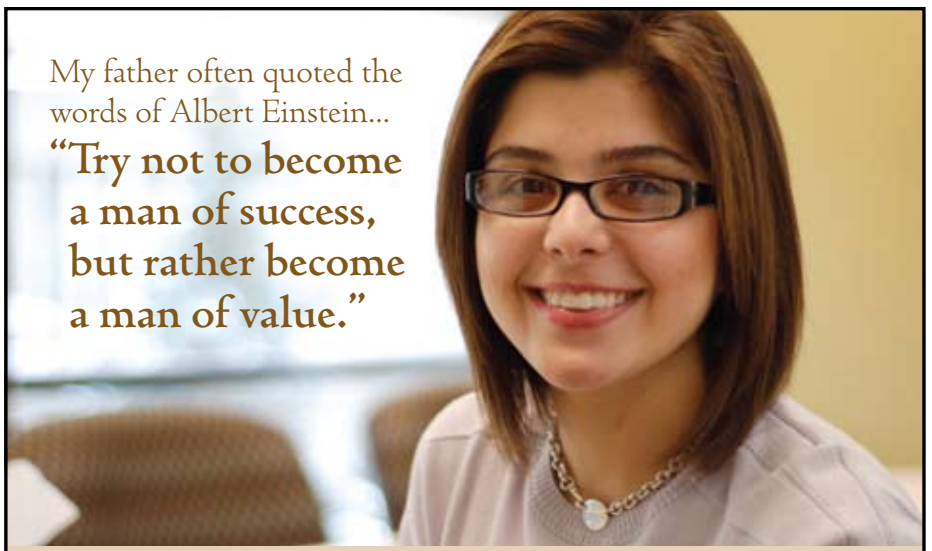
Want to make a difference?
Find out how at www.wuway.org

United Way
United Way of Washtenaw County

GIVE. ADVOCATE. VOLUNTEER.

LIVE UNITED



My father often quoted the words of Albert Einstein...
"Try not to become a man of success, but rather become a man of value."

I believe education is the means to change the world we live in into a better place where all are equal and at peace. My WCC Foundation scholarship offers me this educational opportunity to make a difference and become that woman of value that I have always dreamt of being..."

ANAHITA MALEKI
WCC PHI THETA KAPPA CHAPTER PRESIDENT AND FUTURE INTERNATIONAL LAW STUDENT

Don't let financial worries get in the way of your education.
The WCC Foundation has scholarship money available to help you pursue your goal. No qualified candidate will be turned down. For more information, please call the Foundation at **734-973-3665** or visit online at **www.wccnet.edu/foundation**.

WCC Foundation

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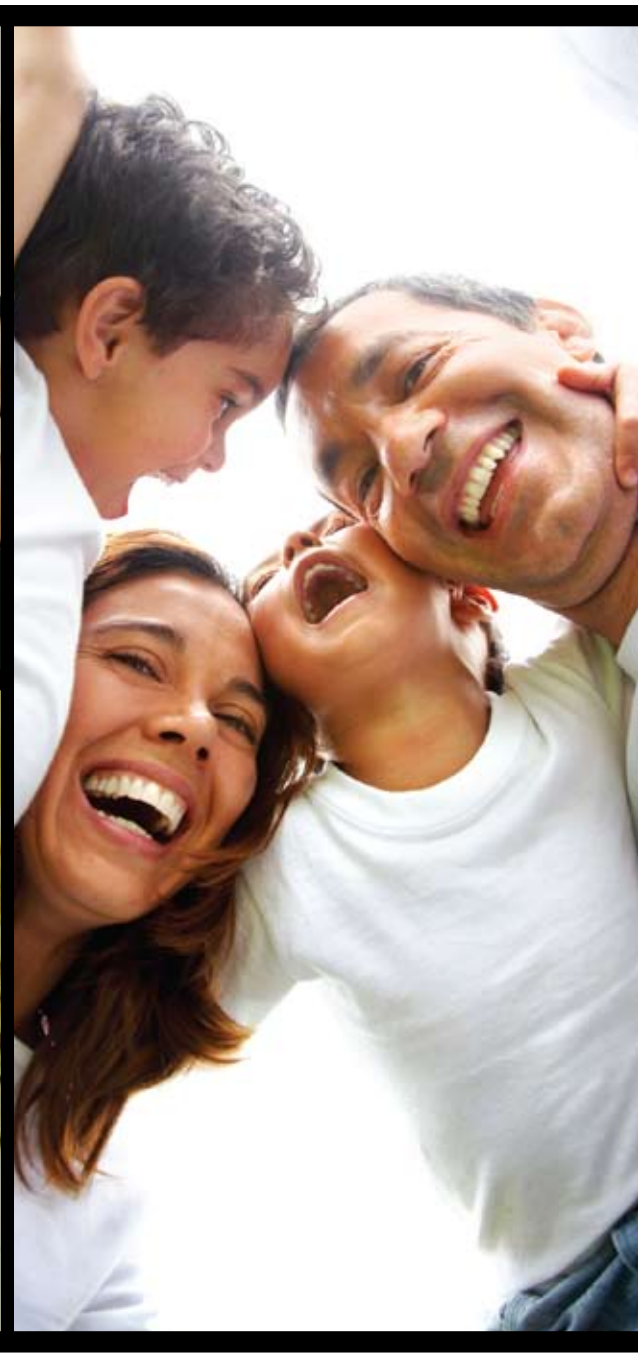
Washtenaw Community College



YOUR TIME MATTERS

So WCC offers flexible learning options

BLENDED CLASSES

The blended option combines in-class and online study. If a class meets Monday and Wednesday each week, it would meet on campus one of those days and the other time would be spent with online assignments and discussions.

ONLINE LEARNING

WCC's College on Demand classes use online technology, video lectures, interactive activities and outstanding supplemental materials to provide the best online learning experience possible.

WEEKEND STUDY

Some WCC classes meet only on the weekend and more weekend courses are added each year, so you can sign up for classes without putting a strain on your busy week days.

To learn more about the flexible learning options available to you at WCC, call 734-477-8903 or visit www.wccnet.edu/academicinfo/collegeondemand/

WCC**FlexEd**

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